

## ARG66723 anti-FGF5 antibody

Package: 100 µl  
Store at: -20°C

### Summary

|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Product Description | Rabbit Polyclonal antibody recognizes FGF5                                                  |
| Tested Reactivity   | Hu, Ms                                                                                      |
| Tested Application  | WB                                                                                          |
| Host                | Rabbit                                                                                      |
| Clonality           | Polyclonal                                                                                  |
| Isotype             | IgG                                                                                         |
| Target Name         | FGF5                                                                                        |
| Species             | Human                                                                                       |
| Immunogen           | KLH-conjugated synthetic peptide within the C-terminal region of Human FGF5.                |
| Conjugation         | Un-conjugated                                                                               |
| Alternate Names     | FGF-5; TCMGLY; Fibroblast growth factor 5; Heparin-binding growth factor 5; Smag-82; HBGF-5 |

### Application Instructions

|                   |                                                                                                                                            |                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Application table | Application                                                                                                                                | Dilution       |
|                   | WB                                                                                                                                         | 1:500 - 1:1000 |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                |
| Positive Control  | A375 and NIH/3T3                                                                                                                           |                |
| Observed Size     | ~ 29 kDa                                                                                                                                   |                |

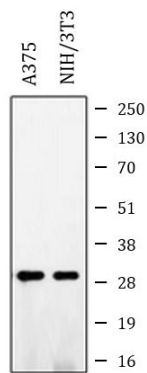
### Properties

|                     |                                                                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                | Liquid                                                                                                                                                                                                                                                                                                            |
| Purification        | Affinity purification with immunogen.                                                                                                                                                                                                                                                                             |
| Buffer              | 0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.                                                                                                                                                                                                                              |
| Preservative        | 0.01% Sodium azide                                                                                                                                                                                                                                                                                                |
| Stabilizer          | 30% Glycerol                                                                                                                                                                                                                                                                                                      |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.                                                                                                                                                                                                                                              |

Bioinformation

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Symbol           | FGF5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Full Name        | fibroblast growth factor 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Background            | The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified as an oncogene, which confers transforming potential when transfected into mammalian cells. Targeted disruption of the homolog of this gene in mouse resulted in the phenotype of abnormally long hair, which suggested a function as an inhibitor of hair elongation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008] |
| Function              | Plays an important role in the regulation of cell proliferation and cell differentiation. Required for normal regulation of the hair growth cycle. Functions as an inhibitor of hair elongation by promoting progression from anagen, the growth phase of the hair follicle, into catagen the apoptosis-induced regression phase (By similarity). [UniProt]                                                                                                                                                                                                                                                                                                                                                                                                  |
| Calculated Mw         | 30 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cellular Localization | Secreted. [UniProt]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Images



ARG66723 anti-FGF5 antibody WB image

Western blot: A375 and NIH/3T3 whole cell lysates stained with ARG66723 anti-FGF5 antibody.