

## ARG66728 anti-HOXC12 antibody

Package: 100 µl  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes HOXC12                               |
| Tested Reactivity   | Hu, Ms, Rat  |
| Tested Application  | WB   |
| Host                | Rabbit   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | HOXC12   |
| Species             | Human  |
| Immunogen           | KLH-conjugated synthetic peptide within the center region of Human HOXC12. |
| Conjugation         | Un-conjugated  |
| Alternate Names     | HOX3; HOC3F; Homeobox protein Hox-3F; Homeobox protein Hox-C12; HOX3F      |

### 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  | MCF7, ACHN, NIH/3T3 and PC12   |                |
| Observed Size     | ~ 30 kDa   |                |

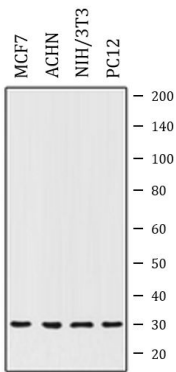
### Properties

|                     |   |
|---------------------|---|
| 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           | HOXC12   |
| Gene Full Name        | homeobox C12   |
| Background            | This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. [provided by RefSeq, Jul 2008] |
| Function              | Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. [UniProt]  |
| Calculated Mw         | 30 kDa   |
| Cellular Localization | Nucleus. [UniProt]   |

Images



ARG66728 anti-HOXC12 antibody WB image

Western blot: MCF7, ACHN, NIH/3T3 and PC12 whole cell lysates stained with ARG66728 anti-HOXC12 antibody.