

ARG67034 anti-GATA3 antibody [SQab30328]

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Recombinant rabbit Monoclonal antibody [SQab30328] recognizes GATA3 |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone | SQab30328 |
| Isotype | IgG |
| Target Name | GATA3 |
| Species | Human |
| Immunogen | Synthetic peptide of Human GATA3 |
| Conjugation | Un-conjugated |
| Alternate Names | GATA3, GATA Binding Protein 3, HDR, Trans-Acting T-Cell-Specific Transcription Factor GATA-3, GATA-Binding Factor 3, GATA-Binding Protein 3, HDRS |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | IHC-P | 1:50 - 1:100 |
| | 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 | Ductal carcinoma | |
| Observed Size | 48, 37 kDa | |

Properties

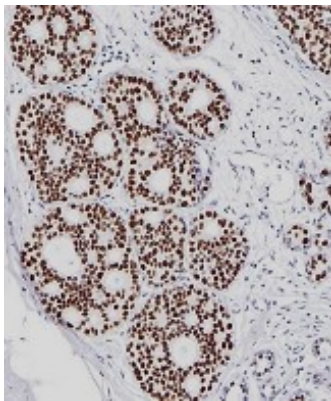
| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purification with Protein A. |
| Buffer | PBS, 0.01% Sodium azide, 40% Glycerol and 0.05%BSA. |
| Preservative | 0.01% Sodium azide |
| Stabilizer | 40% Glycerol and 0.05%BSA |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. 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

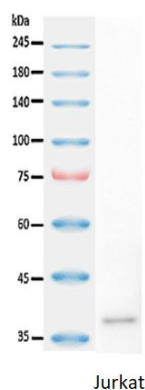
| | |
|-----------------------|--|
| Gene Symbol | GATA3 |
| Gene Full Name | GATA Binding Protein 3 |
| Background | This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009] |
| Function | Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses. Positively regulates ASB2 expression. [UniProt] |
| Calculated Mw | 48 kDa |
| PTM | Phosphoprotein [UniProt] |
| Cellular Localization | Nucleus |

Images



ARG67034 anti-GATA3 antibody [SQab30328] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded ductal carcinoma human breast tissue stained with ARG67034 anti-GATA3 antibody [SQab30328].



ARG67034 anti-GATA3 antibody [SQab30328] WB image

Western blot: Jurkat stained with ARG67034 anti-GATA3 antibody [SQab30328] at 1:500 dilution.

ARG67034 anti-GATA3 antibody [SQab30328] WB image

Western blot: Mouse Kidney and Rat Brain stained with ARG67034 anti-GATA3 antibody [SQab30328] at 1:500 dilution.

