

ARG59674 anti-GATA5 antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes GATA5 |
| Tested Reactivity | Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | GATA5 |
| Species | Human |
| Immunogen | Recombinant protein corresponding to M1-A397 of Human GATA5. |
| Conjugation | Un-conjugated |
| Alternate Names | bB379O24.1; GATA-binding factor 5; GATAS; Transcription factor GATA-5 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-----------------|
| | WB | 0.1 - 0.5 µg/ml |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

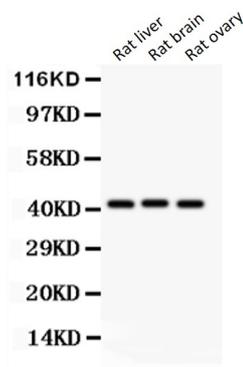
Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA. |
| Preservative | 0.05% Sodium azide |
| Stabilizer | 5% BSA |
| Concentration | 0.5 mg/ml |
| 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

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|-----------------------|--|
| Gene Symbol | GATA5 |
| Gene Full Name | GATA binding protein 5 |
| Background | The protein encoded by this gene is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity. [provided by RefSeq, Jul 2008] |
| Function | Transcription factor required during cardiovascular development. Plays an important role in the transcriptional program(s) that underlies smooth muscle cell diversity (By similarity). Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer. [UniProt] |
| Calculated Mw | 41 kDa |
| Cellular Localization | Nucleus. [UniProt] |

Images



ARG59674 anti-GATA5 antibody WB image

Western blot: 50 µg of Rat liver, Rat brain and Rat ovary lysates stained with ARG59674 anti-GATA5 antibody at 0.5 µg/ml dilution.