

ARG54133 anti-IGF2BP3 antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Mouse Monoclonal antibody recognizes IGF2BP3 |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Target Name | IGF2BP3 |
| Species | Human |
| Immunogen | Purified recombinant Human IGF2BP3 protein fragments expressed in E.coli. |
| Conjugation | Un-conjugated |
| Alternate Names | KOC; CT98; IMP3; KOC1; IMP-3; VICKZ3 |

Application Instructions

| | | |
|-------------------|--|----------|
| Application table | Application | Dilution |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Observed Size | 70 kDa | |

Properties

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| Form | Liquid |
| Purification | Affinity purified |
| Buffer | PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Concentration | 0.6 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. 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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| Database links | GeneID: 55272 Human Swiss-port # Q9NV31 Human |
| Gene Symbol | IGF2BP3 |
| Gene Full Name | insulin like growth factor 2 mRNA binding protein 3 |
| Background | The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes. [provided by RefSeq, Jul 2008] |
| Function | RNA-binding factor that may recruit target transcripts to cytoplasmic protein-RNA complexes (mRNPs). This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation. Binds to the 3'-UTR of CD44 mRNA and stabilizes it, hence promotes cell adhesion and invadopodia formation in cancer cells. Binds to beta-actin/ACTB and MYC transcripts. Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. |
| Research Area | Cancer antibody; Gene Regulation antibody |
| Calculated Mw | 64 kDa |
| Cellular Localization | Nucleus. Cytoplasm. [UniProt] |

Images

