

ARG54997 anti-USF1 antibody [1264CT170.274.14]

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Mouse Monoclonal antibody recognizes USF1 |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 1264CT170.274.14 |
| Isotype | IgG1 |
| Target Name | USF1 |
| Species | Human |
| Immunogen | Recombinant protein corresponding to aa. 1-310 of Human USF1. |
| Conjugation | Un-conjugated |
| Alternate Names | HYPLIP1; FCHL1; MLTF1; bHLHb11; UEF; Upstream stimulatory factor 1; Class B basic helix-loop-helix protein 11; Major late transcription factor 1; FCHL; MLTF |

Application Instructions

| | | |
|-------------------|--|----------|
| Application table | Application | Dilution |
| | WB | 1:500 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | HeLa | |

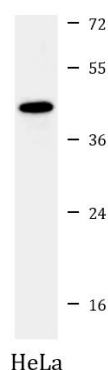
Properties

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| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS and 0.09% (W/V) Sodium azide |
| Preservative | 0.09% (W/V) Sodium azide |
| 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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| Database links | GeneID: 7391 Human Swiss-port # P22415 Human |
| Gene Symbol | USF1 |
| Gene Full Name | upstream transcription factor 1 |
| Background | This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been defined on chromosome 21. [provided by RefSeq, Feb 2013] |
| Function | Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters. [UniProt] |
| Research Area | Cancer antibody; Cell Biology and Cellular Response antibody; Gene Regulation antibody; Metabolism antibody |
| Calculated Mw | 34 kDa |
| Cellular Localization | Nucleus. |

Images



ARG54997 anti-USF1 antibody WB image

Western blot: 35 µg of HeLa cell lysate stained with ARG54997 anti-USF1 antibody at 1:1000 dilution.