

ARG40015 anti-SF3B6 antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes SF3B6 |
| Tested Reactivity | Hu, Ms |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | SF3B6 |
| Species | Human |
| Immunogen | Recombinant fusion protein corresponding to aa. 1-125 of Human SF3B6 (NP_057131.1). |
| Conjugation | Un-conjugated |
| Alternate Names | Pre-mRNA branch site protein p14; Splicing factor 3B subunit 6; CGI-110; Spliceosome-associated protein, 14-kDa; SF3B14; SF3B14a; HSPC175; SF3b 14 kDa subunit; P14; Ht006; Splicing factor 3b, subunit 6, 14kDa; SAP14; SAP14a |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Mouse spleen and K562 | |
| Observed Size | 14 kDa | |

Properties

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| Form | Liquid |
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% 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

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|-----------------------|--|
| Gene Symbol | SF3B6 |
| Gene Full Name | splicing factor 3b, subunit 6, 14kDa |
| Background | This gene encodes a 14 kDa protein subunit of the splicing factor 3b complex. Splicing factor 3b associates with both the U2 and U11/U12 small nuclear ribonucleoprotein complexes (U2 snRNP) of spliceosomes. This 14 kDa protein interacts directly with subunit 1 of the splicing factor 3b complex. This 14 kDa protein also interacts directly with the adenosine that carries out the first transesterification step of splicing at the pre-mRNA branch site. [provided by RefSeq, Jul 2008] |
| Function | Necessary for the splicing of pre-mRNA. Directly contacts the pre-mRNA branch site adenosine for the first catalytic step of splicing. Enters the spliceosome and associates with the pre-mRNA branch site as part of the 17S U2 or, in the case of the minor spliceosome, as part of the 18S U11/U12 snRNP complex, and thus may facilitate the interaction of these snRNP with the branch sites of U2 and U12 respectively. [UniProt] |
| Calculated Mw | 15 kDa |
| Cellular Localization | Nucleus. [UniProt] |

Images



ARG40015 anti-SF3B6 antibody WB image

Western blot: 25 µg of Mouse spleen and K562 cell lysates stained with ARG40015 anti-SF3B6 antibody at 1:3000 dilution.