

Rabbit anti-Human, Mouse SF3B4 Polyclonal Antibody | anti-SF3B4 antibody

Rabbit anti-SF3B4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212400	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

SF3B4; Polyclonal Antibody; Rabbit anti-SF3B4 Antibody; Affinity Purified; SF3b50; spliceosome-associated protein (U2 snRNP); splicing factor 3b; subunit 4; 49kDa; 49kD; spliceosome-associated protein 49; spliceosomal protein; SAP49; AFD1; SAP 49; splicing factor 3B subunit 4; pre-mRNA-splicing factor SF3b 49 kDa subunit; Hsh49; SF3b49; Splicing factor 3B subunit 4; splicing factor 3b subunit 4; anti-SF3B4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SF3B4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 374 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



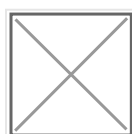
WB (Western Blot)

Detection of human and mouse SF3B4 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 ug), HeLa (50ug), Jurkat (50ug), and mouse NIH 3T3 (50ug) cells. Antibodies: Affinity purified rabbit anti-SF3B4 antibody AAA212400 (lot AAA212400-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



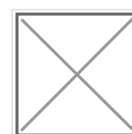
IP (Immunoprecipitation)

Detection of human SF3B4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-SF3B4 antibody AAA212400 (lot AAA212400-1) used for IP at 6 ug/mg lysate. SF3B4 was also immunoprecipitated by rabbit anti-SF3B4 antibody BL14223. For blotting immunoprecipitated SF3B4, AAA212400 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human SF3B4 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-SF3B4 (Cat. No. AAA212400 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse SF3B4 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-SF3B4 (Cat. No. AAA212400 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-SF3B4 antibody	Splicing factor 3b, subunit 4, 49kDa (SF3B4) is one of four subunits of the splicing factor 3B. The protein encoded by this gene cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be involved in the assembly of the B, C and E spliceosomal complexes. In addition to RNA-binding activity, this protein interacts directly and highly specifically with subunit 2 of the splicing factor 3B [taken from NCBI Entrez Gene (Gene ID: 10262)].
Product Categories/Family for anti-SF3B4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032069
NCBI GeneID	10262
NCBI Accession #	NP_005841.1
NCBI GenBank Nucleotide #	NM_005850.4
UniProt Accession #	Q15427; Q5SZ63
Molecular Weight	44,386 Da
NCBI Official Full Name	splicing factor 3B subunit 4
NCBI Official Synonym Full Names	splicing factor 3b, subunit 4, 49kDa
NCBI Official Symbol	SF3B4
NCBI Official Synonym Symbols	AFD1; Hsh49; SAP49; SF3b49
NCBI Protein Information	splicing factor 3B subunit 4; SAP 49; SF3b50; spliceosomal protein; spliceosome-associated protein 49; spliceosome-associated protein (U2 snRNP); pre-mRNA-splicing factor SF3b 49 kDa subunit
UniProt Protein Name	Splicing factor 3B subunit 4
UniProt Gene Name	SF3B4
UniProt Synonym Gene Names	SAP49; SAP 49
UniProt Entry Name	SF3B4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sf3b4-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212400>