Rabbit anti-Human SF3b145/SAP145 Polyclonal Antibody | anti-SF3b145/SAP145 antibody

Rabbit anti-SF3b145/SAP145 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211549	**Rabbit**	**Human**	**Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

SF3b145/SAP145; Polyclonal Antibody; Rabbit anti-SF3b145/SAP145 Antibody; Affinity Purified; pre-mRNA splicing factor SF3b 145 kDa subunit; SF3b150; splicing factor 3b; subunit 2; 145kDa; 145kD; splicing factor 3B subunit 2; Spliceosome-associated protein 145; spliceosome associated protein 145; SF3b1; SAP145; Cus1; Pre-mRNA-splicing factor SF3b 145 kDa subunit; SF3B145; SAP 145; Splicing factor 3B subunit 2; splicing factor 3b subunit 2; anti-SF3b145/SAP145 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SF3b145/SAP145 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 800 and 850
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 SF3b145/SAP145 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-SF3b145/SAP145 antibody AAA211549 used for WB at 0.04 ug/ml (A) and 0.1 ug/ml (B) and used for IP at 3 ug/mg lysate. SF3b145/SAP145 was also immunoprecipitated by rabbit anti-SF3b145/SAP145 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 1 second (A and B).

IHC (Immunohistochemistry)
Detection of human SF3b145/SAP145 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-SF3b145/SAP145 (Cat. No. AAA211549 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-SF3b145/SAP145 antibody	SF3b145/SAP145 is a 145 kDa subunit of the splicing factor 3B (SF3B) protein complex. The SF3B complex is composed of at least 8 subunits (SF3B1 through SF3B8). SF3A along with SF3B and a 12S RNA unit are components of the 17S U2 small nuclear ribonucleoprotein complex (U2 snRNP) involved in pre-mRNA splicing. In this complex SF3B2 interacts directly with SF3B4 and associates with the pre-mRNA upstream of the branch site at the anchoring site. SF3A and SF3B may play a role in anchoring the U2 snRNP to the pre-mRNA upstream of the intron's branch site.

Product Categories/Family for anti-SF3b145/SAP145 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749531
NCBI GeneID	10992
NCBI Accession #	NP_006833.2
NCBI GenBank Nucleotide #	NM_006842.2
UniProt Accession #	Q13435; Q7L4T5; Q7Z627; Q969K1; Q96CM6; Q9BWD2; A8K485; B4DT19
Molecular Weight	Predicted MW: 100kDa
NCBI Official Full Name	splicing factor 3B subunit 2
NCBI Official Synonym Full Names	splicing factor 3b subunit 2
NCBI Official Symbol	SF3B2
NCBI Official Synonym Symbols	Cus1; SF3b1; SAP145; SF3B145; SF3b150
NCBI Protein Information	splicing factor 3B subunit 2
UniProt Protein Name	High affinity choline transporter 1
UniProt Gene Name	**SLC5A7**
UniProt Synonym Gene Names	CHT1; CHT
UniProt Entry Name	SC5A7_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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