

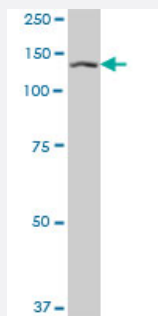
MaxPab®

SF3B2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010992-B01P

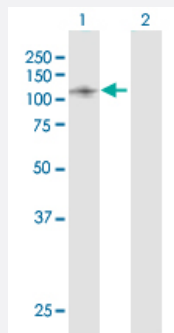
Size 50 ug

Applications



Western Blot (Cell lysate)

SF3B2 MaxPab polyclonal antibody. Western Blot analysis of SF3B2 expression in HeLa S3 NE.

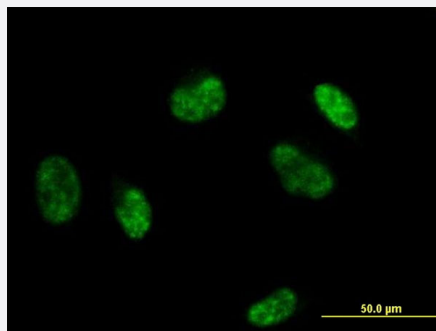


Western Blot (Transfected lysate)

Western Blot analysis of SF3B2 expression in transfected 293T cell line ([H00010992-T01](#)) by SF3B2 MaxPab polyclonal antibody.

Lane 1: SF3B2 transfected lysate(69.96 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SF3B2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SF3B2 protein.

Immunogen	SF3B2 (AAH07610.1, 1 a.a. ~ 636 a.a) full-length human protein.
Sequence	MDDPSVGPKIPQALEKILQLKESRQEEMNSQQEEEEEMETDARSSLGQSASETEEDTVSVSKKEK NRKRRNRKKKKKPKQVRGVSSSESSGDREKSDSTRSGSDSPAADVEIEYVTEPEIYEPNFIFFKRI FEAFKLTDDVKKEKEKEPEKLDKLENSAAPKKKGFEEDHKDSDDDSSDDEQEKKPEAPKLSKK KLRRMNRFVAELKQLVARPDVVEMHDVTAQDPKLLVHLKATRNSVPVPRHWCFCRKYLGQKR GIEKPPFELPDFIKRTGIQEMREALQEKEEQKTMKSKMREKVRPKMGKIDIDYQKLHDAFFKWQTK PKLTIHGDLYYEGKEFETRLKEKKPGDLSDELRLSGMPVGPNAHKVPPPWLAMQRYGPPPSYP NLKIPGLNSPIPESCSFGYHAGGWGKPPVDETGKPLYGDVFGTNAAEFQTKTEEEEIDRTPWGEL EPSDEESSEEEEEESDEDKPDETGFIPTADSLITPGGFSSVPAGMETPELIELRKKKIEEAMD GSETPQLFTVLPEKRTATVGGAMMGSTHYDMSTMVSRKGPAPELQGVEVALAPEELELDPMAM TQKYEEHVREQQAQVEKEDFSDMVAEHAQKQKQKRKAQPQDSRGGSKKYKEFKF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SF3B2 MaxPab polyclonal antibody. Western Blot analysis of SF3B2 expression in Hela S3 NE.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SF3B2 expression in transfected 293T cell line ([H00010992-T01](#)) by SF3B2 MaxPab polyclonal antibody.

Lane 1: SF3B2 transfected lysate(69.96 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SF3B2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SF3B2

Entrez GeneID [10992](#)

GeneBank Accession# [BC007610.1](#)

Protein Accession# [AAH07610.1](#)

Gene Name SF3B2

Gene Alias SAP145, SF3B145, SF3b1, SF3b150

Gene Description splicing factor 3b, subunit 2, 145kDa

Omim ID [605591](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes subunit 2 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence-independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 2 associates with pre-mRNA upstream of the branch site at the anchoring site. Subunit 2 also interacts directly with subunit 4 of the splicing factor 3b complex. Subunit 2 is a highly hydrophilic protein with a proline-rich N-terminus and a glutamate-rich stretch in the C-terminus. [provided by RefSeq]

Other Designations pre-mRNA splicing factor SF3b 145 kDa subunit|spliceosome associated protein 145|splicing factor 3B subunit 2