

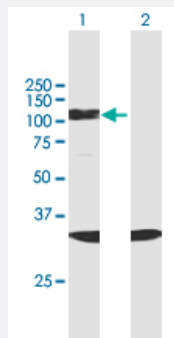
MaxPab®

SF3B2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00010992-B02P

Size 50 ug

Applications

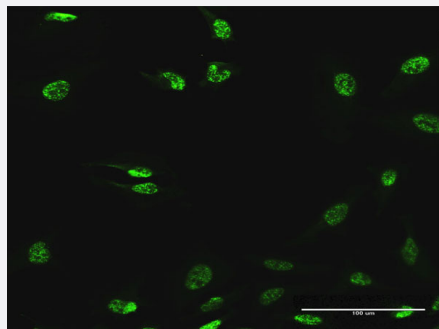


Western Blot (Transfected lysate)

Western Blot analysis of SF3B2 expression in transfected 293T cell line ([H00010992-T03](#)) by SF3B2 MaxPab polyclonal antibody.

Lane 1: SF3B2 transfected lysate(72.6 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 NRKRRNRKKKKKPKQVRGVSSSESSGDREKDSTRSRGSDSPAADVEIEVYTEPEIYEPNFIFFKRI FEAFKLTDDVKKEKEKEPEKLDKLENSAAPKKKGFEEEHKDSDDDSSDDEQEKKPEAPKLSKK KLRRMNRFTVAELKQLVARPDVEMHDVTAQDPKLLVHLKATRNSVPVPRHWCFCRKYLGQKR GIEKPPFELPDFIKRTGIQEMREALQEKEEQKTMKSKMREKVRPKMGKIDIDYQKLHDAFFKWQTK PKLTIHGDLYYEGKEFETRLKEKKPGDLSDELRLSLGMPVGPNAHKVPPPWLAMQRYGPPPSYP NLKIPGLNSPIESCFSFGYHAGGWGKPPVDETGKPLYGDVFGTNAAEFQTKTEEEEIDRTPWGEL EPSDEESSEEEEEESDEDKPDETGFIPTADSLITPGGFSSVPAGMETPELIELRKKKIEEAMD GSETPQLFTVLPEKRTATVGGAMMGSTHYDMSTVMSRKGAPELQGVEVALAPEELELDPMAM TQKYEEHVREQQAAQVEKEDFSDMVAEHAACKQKQKKRKAQPQDSRGGSSKKYKEFKF
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.

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[Protocol Download](#)

- Immunofluorescence

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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