

Datasheet: VPA00250

BATCH NUMBER 151204

Description:	RABBIT ANTI SPLICING FACTOR 3B SUBUNIT 2
Specificity:	SPLICING FACTOR 3B SUBUNIT 2
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen	KLH conjugated synthetic peptide between 539-568 amino acids from the central region of human splicing factor 3B subunit 2
External Database Links	<p>UniProt: Q13435 Related reagents</p> <p>Entrez Gene: 10992 SF3B2 Related reagents</p>
Synonyms	SAP145
Specificity	<p>Rabbit anti Human splicing factor 3B subunit 2 antibody recognizes the splicing factor 3B subunit 2, also known as SAP 145, pre-mRNA splicing factor SF3b 145 kDa subunit, pre-mRNA-splicing factor SF3b 145 kDa subunit and spliceosome associated protein 145.</p> <p>Encoded by the SF3B2 gene, splicing factor 3B subunit 2 is a subunit 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, Jul 2008).</p> <p>Rabbit anti Human Splicing factor 3B subunit 2 antibody detects a band of 140 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti splicing factor 3B subunit 2 detects a band of approximately 140 kDa in Jurkat cell lysates
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00250 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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