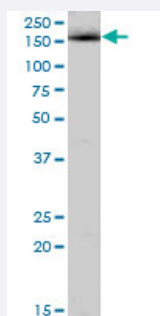


SF3B3 polyclonal antibody

Catalog # PAB6215

Size 100 ug

Applications



Western Blot (Cell lysate)

SF3B3 polyclonal antibody (Cat # PAB6215) staining (0.1 ug/mL) of nuclear lysate from HeLa cells (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of SF3B3.

Immunogen A synthetic peptide corresponding to human SF3B3.

Sequence C-VSKKLEDIRTRYAF

Host Goat

Theoretical MW (kDa) 136

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:2000)
 Western Blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

SF3B3 polyclonal antibody (Cat # PAB6215) staining (0.1 ug/mL) of nuclear lysate from HeLa cells (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SF3B3

Entrez GeneID	23450
Protein Accession#	NP_036558.3
Gene Name	SF3B3
Gene Alias	KIAA0017, RSE1, SAP130, SF3b130, STAF130
Gene Description	splicing factor 3b, subunit 3, 130kDa
Omim ID	605592
Gene Ontology	Hyperlink

Gene Summary	This gene encodes subunit 3 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 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator -HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair. [provided by RefSeq]
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Other Designations	pre-mRNA splicing factor SF3b, 130 kDa subunit spliceosome-associated protein 130 splicing factor 3b, subunit 3
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Publication Reference

- [Characterization of a protein complex containing spliceosomal proteins SAPs 49, 130, 145, and 155.](#)

Das BK, Xia L, Palandjian L, Gozani O, Chyung Y, Reed R.

Molecular and Cellular Biology 1999 Oct; 19(10):6796.

Application: WB-Ce, Human, HeLa cells

Disease

- [Tobacco Use Disorder](#)