SF3B3 rabbit monoclonal antibody

Catalog # H00023450-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SF3B3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SF3B3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SF3B3 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — SF3B3

Entrez GeneID	23450
GeneBank Accession#	SF3B3
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 comple x (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. Splicin g factor 3b is also a component of the minor U12-type spliceosome. Subunit 3 has also been iden tified 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)-conta ining complex). These complexes may function in chromatin modification, transcription, splicing, a nd DNA repair. [provided by RefSeq
Other Designations	pre-mRNA splicing factor SF3b, 130 kDa subunit|spliceosome-associated protein 130|splicing fa ctor 3b, subunit 3

Disease

- Tobacco Use Disorder