RNPS1 rabbit monoclonal antibody

Catalog # H00010921-K

Size 100 ug x up to 3

Specification	
Product Description	Rabbit monoclonal antibody raised against a human RNPS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RNPS1 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	lgG
Quality Control Testing	Antibody reactive against human RNPS1 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	 Customer may provide cell or tissue lysate for antibody screening. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding F(ab)₂, lgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

• Western Blot (Transfected lysate)

Protocol Download

• ELISA

Gene Info — RNPS1	
Entrez GenelD	<u>10921</u>
GeneBank Accession#	RNPS1
Gene Name	RNPS1
Gene Alias	E5.1, MGC117332
Gene Description	RNA binding protein S1, serine-rich domain
Omim ID	<u>606447</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both m RNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with tru ncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When transla tion ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs contai ning premature stop codons. This protein binds to the mRNA and remains bound after nuclear ex port, acting as a nucleocytoplasmic shuttling protein. This protein contains many serine residues. Two splice variants have been found for this gene; both variants encode the same protein. [provid ed by RefSeq
Other Designations	RNA-binding protein S1, serine-rich domain SR protein