

DNAXPAb

Hard-to-Find
Antibody

RNPS1 DNAXPAb

Catalog # H00010921-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RNPS1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDLSGVKKKSLLGVKENKKSSSTRAPSPTRKDRSDEKSKDRSKDKGATKESSEKDRGRDKTR KRRSASSGSSSTRSRSSSTSSSGSSTSTGSSSGSSSSSASSRSGSSSTSRSSSSSSSSSGSPSP SRRRHDRRRRSRSKSKPPKRDEKERKRRSPSPKPTKVHIGRLTRNVTKDHIMEIFSTYGKIKMIDM PVERMHPHLSKGYAYVEFENPDEAEKALKHMDGGQIDGQEITATAVLAPWPRPPRRFSPPRRM LPPPPMWRRSPPRMRRRSRSPRRRSPVRRRSRSPGRRRHRSRSSN SSR
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RNPS1

Entrez GeneID [10921](#)**GeneBank Accession#** [NM_006711.2](#)**Protein Accession#** [NP_006702.1](#)**Gene Name** RNPS1**Gene Alias** E5.1, MGC117332**Gene Description** RNA binding protein S1, serine-rich domain**Omim ID** [606447](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA and remains bound after nuclear export, 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. [provided by RefSeq]

Other Designations RNA-binding protein S1, serine-rich domain|SR protein