

Datasheet for ABIN6244116  
**anti-RNPS1 antibody (AA 11-44)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	RNPS1
Binding Specificity:	AA 11-44
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNPS1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This RNPS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 11-44 amino acids from the RNPS1.
Clone:	RB54688
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	RNPS1
Alternative Name:	RNPS1 ( <a href="#">RNPS1 Products</a> )

## Target Details

**Background:** Part of pre- and post-splicing multiprotein mRNP complexes. Auxiliary component of the splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of core proteins and several peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Component of the ASAP and PSAP complexes which bind RNA in a sequence-independent manner and are proposed to be recruited to the EJC prior to or during the splicing process and to regulate specific excision of introns in specific transcription subsets. The ASAP complex can inhibit RNA processing during in vitro splicing reactions. The ASAP complex promotes apoptosis and is disassembled after induction of apoptosis. Enhances the formation of the ATP-dependent A complex of the spliceosome. Involved in both constitutive splicing and, in association with SRP54 and TRA2B/SFRS10, in distinctive modulation of alternative splicing in a substrate-dependent manner. Involved in the splicing modulation of BCL2L1/Bcl-X (and probably other apoptotic genes), specifically inhibits formation of proapoptotic isoforms such as Bcl-X(S), the activity is different from the established EJC assembly and function. Participates in mRNA 3'-end cleavage. Involved in UPF2- dependent nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Also mediates increase of mRNA abundance and translational efficiency. Binds spliced mRNA 20-25 nt upstream of exon-exon junctions.

**Molecular Weight:** 34208

**UniProt:** [Q15287](#)

## Application Details

**Application Notes:** WB: 1:500-1:1000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

**Preservative:** Sodium azide

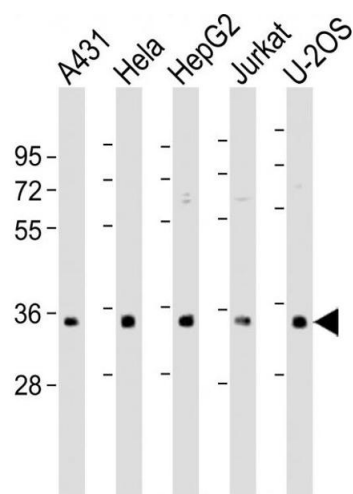
**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

Handling

Expiry Date: 6 months

Images



Western Blotting

**Image 1.** All lanes : Anti-RNPS1 Antibody (N-Term) at 1:500-1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: Jurkat whole cell lysate Lane 5: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.