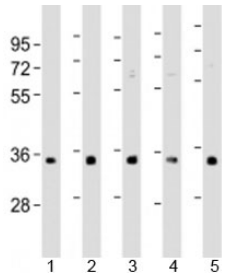
RNPS1 Antibody / LDC2 (F53915)

Catalog No.	Formulation	Size
F53915-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53915-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q15287
Applications	Western blot: 1:500-1:1000
Limitations	This RNPS1 antibody is available for research use only.



Western blot testing of human 1) A431, 2) HeLa, 3) HepG2, 4) Jurkat and 5) U-2OS cell lysate with RNPS1 antibody at 1:1000. Predicted molecular weight: 34 kDa.

Description

RNA-binding protein with serine-rich domain 1 is 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.

Application Notes

Titration of the RNPS1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 11-44 from the human protein was used as the immunogen for the RNPS1 antibody.

Storage

Aliquot the RNPS1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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