


Product datasheet

Anti-SNRPD1 antibody ab233115

[1 References](#) [8 Images](#)

Overview

Product name	Anti-SNRPD1 antibody
Description	Rabbit polyclonal to SNRPD1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human, Pig Predicted to work with: Mouse, Cow, Cynomolgus monkey 
Immunogen	Recombinant full length protein (His-T7-tag) corresponding to Human SNRPD1 aa 1 to the C-terminus. (Expressed in E.coli). Database link: P62314 Run BLAST with Run BLAST with
Positive control	IHC-P: Human liver, prostate, kidney, stomach and cerebrum tissues. WB: HL-60 and Jurkat cell lysates; Rat testis lysate; Pig kidney lysate; Recombinant human SNRPD1 protein.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	ab233115 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.

Clonality	Polyclonal
Isotype	IgG

Applications

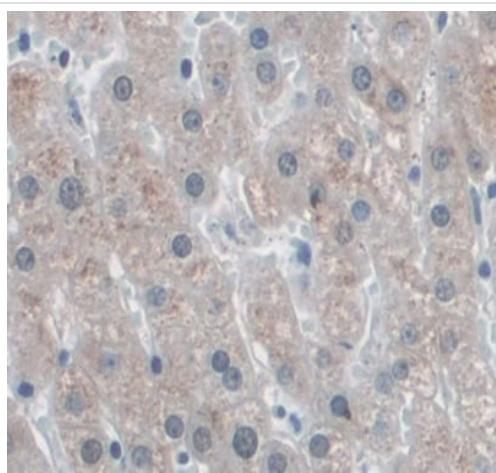
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233115 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 13 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

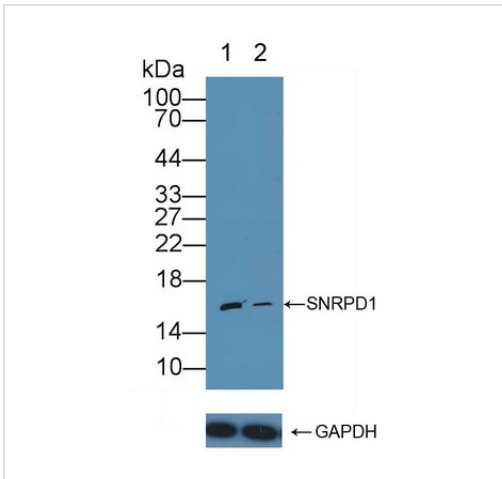
Function	May act as a charged protein scaffold to promote snRNP assembly or strengthen snRNP-snRNP interactions through nonspecific electrostatic contacts with RNA.
Sequence similarities	Belongs to the snRNP core protein family.
Post-translational modifications	Methylated on arginine residues by PRMT5 and PRMT7; methylation is required for assembly and biogenesis of snRNPs.
Cellular localization	Nucleus.

Images



Paraffin-embedded human liver tissue stained for SNRPD1 using ab233115 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNRPD1 antibody (ab233115)



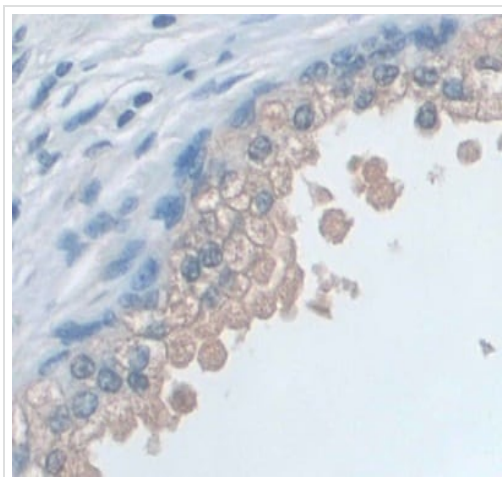
Western blot - Anti-SNRPD1 antibody (ab233115)

All lanes : Anti-SNRPD1 antibody (ab233115) at 2 $\mu\text{g/ml}$

Lane 1 : Wild type Jurkat cells

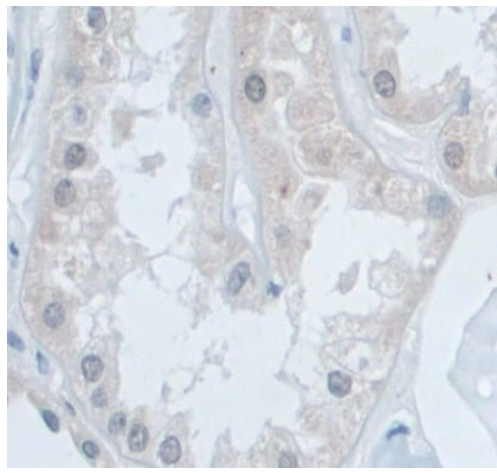
Lane 2 : SNRPD1 knockdown Jurkat cells

Predicted band size: 13 kDa



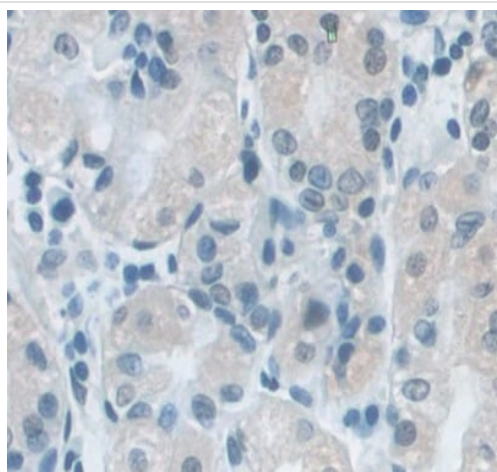
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNRPD1 antibody (ab233115)

Paraffin-embedded human prostate tissue stained for SNRPD1 using ab233115 at 20 $\mu\text{g/ml}$ in immunohistochemical analysis. DAB staining.



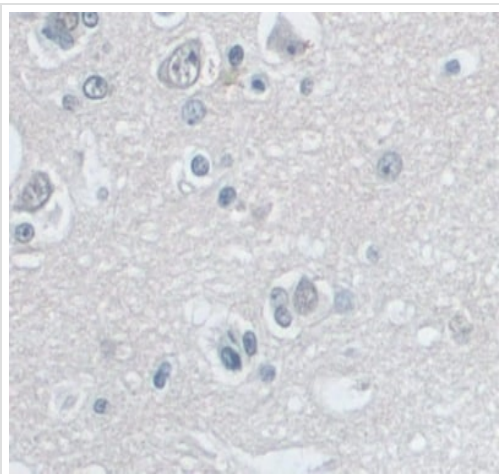
Paraffin-embedded human kidney tissue stained for SNRPD1 using ab233115 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNRPD1 antibody (ab233115)



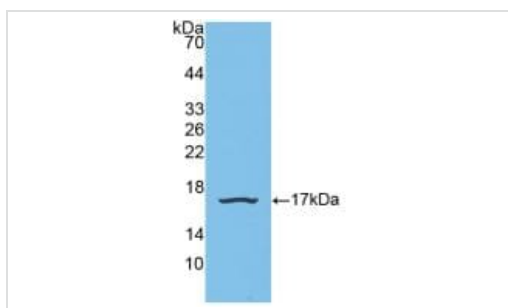
Paraffin-embedded human stomach tissue stained for SNRPD1 using ab233115 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNRPD1 antibody (ab233115)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SNRPD1 antibody (ab233115)

Paraffin-embedded human cerebrum tissue stained for SNRPD1 using ab233115 at 20 µg/ml in immunohistochemical analysis. DAB staining.



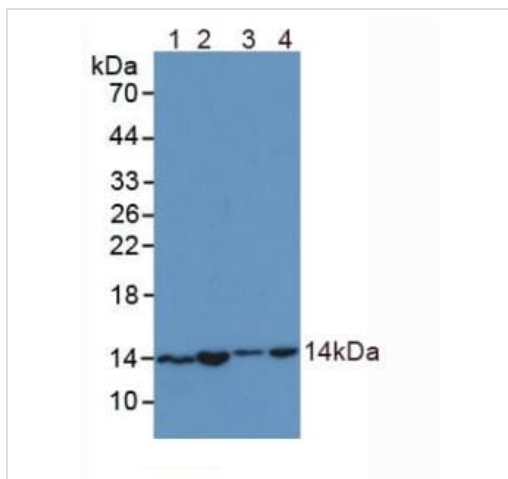
Western blot - Anti-SNRPD1 antibody (ab233115)

Anti-SNRPD1 antibody (ab233115) at 1 µg/ml + Recombinant human SNRPD1 protein

Secondary

HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 13 kDa



Western blot - Anti-SNRPD1 antibody (ab233115)

All lanes : Anti-SNRPD1 antibody (ab233115) at 1 µg/ml

Lane 1 : HL-60 (human promyelocytic leukemia cell line) cell lysate

Lane 2 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Lane 3 : Rat testis lysate

Lane 4 : Pig kidney lysate

Secondary

All lanes : HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 13 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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