Datasheet for ABIN7599016

anti-SNRPC antibody (AA 1-159)

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Overview

Quantity:	100 µg
Target:	SNRPC
Binding Specificity:	AA 1-159
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNRPC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Anti-U1-C/SNRPC Antibody Picoband®
Immunogen:	E.coli-derived human U1-C/SNRPC recombinant protein (Position: M1-R159).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-U1-C/SNRPC Antibody Picoband® (ABIN7599016). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	SNRPC
Alternative Name:	SNRPC (SNRPC Products)
Background:	Synonyms: Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27 Tissue Specificity: Widely expressed in fetal and adult tissues examined, highest level found in fetal spinal cord and adult brain and testis. Background: U1 small nuclear ribonucleoprotein C is a protein that in humans is encoded by the SNRPC gene. This gene encodes one of the specific protein components of the U1 small nuclear ribonucleoprotein (snRNP) particle required for the formation of the spliceosome. The encoded protein participates in the processing of nuclear precursor messenger RNA splicing. snRNP particles are attacked by autoantibodies frequently produced by patients with connective tissue diseases. The genome contains several pseudogenes of this functional gene. Alternative splicing results in a non-coding transcript variant.
Molecular Weight:	17 kDa
Gene ID:	6631
UniProt:	P09234
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Du, H., Rosbash, M. The U1 snRNP protein U1C recognizes the 5-prime splice site in the absence of base pairing. Nature 419: 86-90, 2002. 2. Nelissen, R. L. H., Klein Gunnewiek, J. M. T., Lambermon, M. H. L., Van Venrooij, W. J. Cloning and characterization of two processed pseudogenes and the cDNA for the murine U1 snRNP-specific protein C. Gene 184: 273-278, 1997. 3. Sillekens, P. T. G., Beijer, R. P., Habets, W. J., van Venrooij, W. J. Human U1 snRNP-specific C protein: complete cDNA and protein sequences and identification of a multigene family in mammals. Nucleic Acids Res. 16: 8307-8321, 1988.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.