

Datasheet for ABIN7599126
anti-SNRNP70 antibody (AA 1-232)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SNRNP70
Binding Specificity:	AA 1-232
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNRNP70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SNRNP70 Antibody Picoband®
Immunogen:	E.coli-derived human SNRNP70 recombinant protein (Position: M1-D232). Human SNRNP70 shares 100% amino acid (aa) sequence identity with mouse SNRNP70.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-SNRNP70 Antibody Picoband® (ABIN7599126). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry applications. This antibody reacts with Human, Rat. 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target:	SNRNP70
Alternative Name:	SNRNP70 (SNRNP70 Products)
Background:	<p>Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: snRNP70 also known as U1 small nuclear ribonucleoprotein 70 kDa is a protein that in humans is encoded by the SNRNP70 gene. SNRNP70 contains 1 RRM (RNA recognition motif) domain and mediates the splicing of pre-mRNA by binding to the loop I region of U1-snRNA. Western blots using two different antibodies against two unique regions of this protein target confirm the same apparent molecular weight in our tests.</p>
Molecular Weight:	95 kDa
Gene ID:	6625
UniProt:	P08621

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>Immunohistochemistry, 2-5 µg/mL, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Barton, D. E., Spritz, R. A., Francke, U. RPU1 encoding the 68 kDa U1 snRNP-associated</p>
--------------------	---

Application Details

protein is located on chromosome 19. (Abstract) Cytogenet. Cell Genet. 46: 577 only, 1987. 2. Charenton, C., Wilkinson, M. E., Nagai, K. Mechanism of 5-prime splice site transfer for human spliceosome activation. Science 364: 362-367, 2019. 3. 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.

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.