

Rabbit SNRNP70 Polyclonal Antibody | anti-SNRNP70 antibody

SNRNP70 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289470	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	ELISA, Western Blot

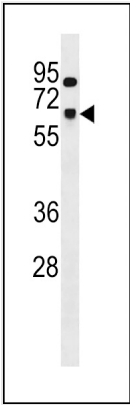
PRODUCT SYNONYMS

SNRNP70; Polyclonal Antibody; SNRNP70 Antibody (Center); U1 small nuclear ribonucleoprotein 70 kDa; U1 snRNP 70 kDa; U1-70K; snRNP70; RNP1Z; RPU1; SNRP70; U1AP1; anti-SNRNP70 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SNRNP70 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-223 amino acids from the Central region of human SNRNP70.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	195-223
Sequence Length	341
Applicable Applications for anti-SNRNP70 antibody	ELISA, WB (Western Blot)
Function	Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome (PubMed:19325628, PubMed:25555158). SNRNP70 binds to the loop I region of U1-snRNA (PubMed:2467746, PubMed:19325628, PubMed:25555158).
Cellular Location	Nucleus speckle. Nucleus, nucleoplasm Note=Colocalizes with SCNM1 and LUC7L2 in nuclear speckles {ECO:0000250 UniProtKB:Q62376}
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
SNRNP70 Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the SNRNP70 antibody detected the SNRNP70 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SNRNP70 antibody	SNRNP70 mediates the splicing of pre-mRNA by binding to the loop I region of U1-snRNA. The truncated isoforms cannot bind U1-snRNA.
Product Categories/Family for anti-SNRNP70 antibody	Immunology
References	Spiluttini, B., et al. J. Cell. Sci. 123 (PT 12), 2085-2093 (2010) : Tzang, B.S., et al. J. Biomed. Sci. 17, 40 (2010) : Parente Costa, L., et al. J. Autoimmun. 33(2):121-124(2009) Hernandez, H., et al. PLoS ONE 4 (9), E7202 (2009) : Palafox Sanchez, C.A., et al. Arthritis Res. Ther. 11 (1), R27 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	29568103
NCBI GeneID	6625
NCBI Accession #	NP_003080.2
NCBI GenBank Nucleotide #	NM_003089.5
UniProt Accession #	P08621; P78493; P78494; Q15364; Q15686; Q15687; Q15689; Q99377; Q9UE45; Q9UE46; Q9UE47; B3KUA3
Molecular Weight	51557
NCBI Official Full Name	U1 small nuclear ribonucleoprotein 70 kDa isoform 1
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein 70kDa (U1)
NCBI Official Symbol	SNRNP70
NCBI Official Synonym Symbols	RPU1; Snp1; U1AP; U170K; U1RNP; RNPU1Z; SNRP70; U1-70K
NCBI Protein Information	U1 small nuclear ribonucleoprotein 70 kDa
UniProt Protein Name	U1 small nuclear ribonucleoprotein 70 kDa
UniProt Gene Name	SNRNP70
UniProt Synonym Gene Names	RNPU1Z; RPU1; SNRP70; U1AP1; U1 snRNP 70 kDa; U1-70K; snRNP70
UniProt Entry Name	RU17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/snrnp70-antibody-western-blot-elisa/289470>