Rabbit anti-Human ANKS1B Polyclonal Antibody | anti-ANKS1B antibody

ANKS1B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283912	**Rabbit**	**Human**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

ANKS1B; Polyclonal Antibody; ANKS1B Antibody (Center); Ankyrin repeat and sterile alpha motif domain-containing protein 1B; Amyloid-beta protein intracellular domain-associated protein 1; AIDA-1; E2A-PBX1-associated protein; EB-1; anti-ANKS1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANKS1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 570-599 amino acids from the Central region of human ANKS1B.
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.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	570-599
Sequence Length	394
Applicable Applications for anti-ANKS1B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
ANKS1B Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ANKS1B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
ANKS1B Antibody (Center) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the ANKS1B antibody detected the ANKS1B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ANKS1B antibody	Isoform 2 may participate in the regulation of nucleoplasmic coilin protein interactions in neuronal and transformed cells. Isoform 3 can regulate global protein synthesis by altering nucleolar numbers (By similarity). Isoform 4 may play a role as a modulator of APP processing. Overexpression can down-regulate APP processing.
Product Categories/Family for anti-ANKS1B antibody	Neuroscience
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Pei, D., et al. Genet Test Mol Biomarkers 14(3):433-438(2010) Wang, M., et al. Stat Biopharm Res 1(4):424-430(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	323276657
NCBI GeneID	56899
NCBI Accession #	NP_001190994.1; NP_001190995.1; NP_001190996.1; NP_001190997.1; NP_001190998.1; NP_001190999.1; NP_001191008.1; NP_001191009.1; NP_001191010.1; NP_064525.1; NP_690001.3; NP_858056.2
NCBI GenBank Nucleotide #	NM_001204065.1
UniProt Accession #	Q7Z6G8; Q5XLJ0; Q6IVB5; A5PKY5; A7E259; A8K153; A8MSN4; B4DFP6; B4DH98; F8VPM3; F8VZR9; F8WC27
Molecular Weight	138066
NCBI Official Full Name	ankyrin repeat and sterile alpha motif domain-containing protein 1B isoform d
NCBI Official Synonym Full Names	ankyrin repeat and sterile alpha motif domain containing 1B
NCBI Official Symbol	ANKS1B
NCBI Official Synonym Symbols	EB1; AIDA; EB-1; ANKS2; AIDA-1; cajalin-2
NCBI Protein Information	ankyrin repeat and sterile alpha motif domain-containing protein 1B
UniProt Protein Name	Ankyrin repeat and sterile alpha motif domain-containing protein 1B
UniProt Gene Name	**ANKS1B**
UniProt Synonym Gene Names	AIDA-1; EB-1
UniProt Entry Name	ANS1B_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/anks1b-antibody-immunohistochemistry-western-blot-elisa/283912