

ANKS1B Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13437c**Specification**

ANKS1B Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q7Z6G8](#)**ANKS1B Antibody (Center) Blocking peptide - Additional Information****Gene ID** 56899**Other Names**

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, ANKS1B

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13437c was selected from the Center region of ANKS1B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ANKS1B Antibody (Center) Blocking peptide - Protein Information**Name** ANKS1B**Function**

Isoform 2 may participate in the regulation of nucleoplasmic coilin protein interactions in neuronal and transformed cells. Isoform 4 may play a role as a modulator of APP processing. Overexpression can down-regulate APP processing.

Cellular Location

Cytoplasm [Isoform 3]: Postsynaptic density. Cell projection, dendritic spine. Nucleus. Nucleus, Cajal body. Note=The synaptic localization requires DLG4 interaction. Translocation to the nucleus in response to stimulation of NMDA receptors (NMDARs) in a calcium-independent manner (By similarity). [Isoform 6]: Nucleus.

Tissue Location

Highly expressed in marrow from patients with pre-B ALL associated with the t(1;19) translocation.

Strongly expressed in brain and testis. Expressed in fetal brain. Isoform 4 is highly expressed in brain (at protein level). Isoform 6 is expressed in brain and several cancer cell lines.

ANKS1B Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ANKS1B Antibody (Center) Blocking peptide - Images

ANKS1B Antibody (Center) Blocking peptide - Background

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.

ANKS1B Antibody (Center) Blocking peptide - 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)