

ANKHD1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16216a**Specification**

ANKHD1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q8IWZ3](#)**ANKHD1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 404734;54882**Other Names**

Ankyrin repeat and KH domain-containing protein 1, HIV-1 Vpr-binding ankyrin repeat protein, Multiple ankyrin repeats single KH domain, hMASK, ANKHD1, KIAA1085, MASK, VBARP

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.

ANKHD1 Antibody (N-term) Blocking Peptide - Protein Information**Name** ANKHD1**Synonyms** KIAA1085, MASK, VBARP**Function**

May play a role as a scaffolding protein that may be associated with the abnormal phenotype of leukemia cells. Isoform 2 may possess an antiapoptotic effect and protect cells during normal cell survival through its regulation of caspases.

Cellular Location

Cytoplasm

Tissue Location

Ubiquitous with high expression in cervix, spleen and brain. Expressed in hematopoietic cells with increased expression in leukemia cells. Isoform 2 is highly expressed in spleen with almost no expression in muscle and brain.

ANKHD1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ANKHD1 Antibody (N-term) Blocking Peptide - Images

ANKHD1 Antibody (N-term) Blocking Peptide - Background

The ANKHD1-EIF4EBP3 mRNA is an infrequent but naturally occurring readthrough transcript of the neighboring ANKHD1 and EIF4EBP3 genes. This readthrough transcript encodes a protein composed mostly of the multiple ankyrin repeats, single KH-domain protein, with its C-terminus encoded in a different reading frame from the shared portion of the EIF4EBP3 gene. The significance of this readthrough mRNA and the function of its protein product have not yet been determined.

ANKHD1 Antibody (N-term) Blocking Peptide - References

Prakash, T., et al. PLoS ONE 5 (10), E13284 (2010) :Santos Duarte Ada, S., et al. Gene 363, 113-122 (2005) :Poulin, F., et al. J. Biol. Chem. 278(52):52290-52297(2003)