

ANKHD1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16216A**Specification**

ANKHD1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8IWZ3
Other Accession	NP_060217.1 , NP_078944.2 , NP_060448.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	269458
Antigen Region	445-474

ANKHD1 Antibody (N-term) - Additional Information**Gene ID** 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

Target/Specificity

This ANKHD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 445-474 amino acids from the N-terminal region of human ANKHD1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

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.

Precautions

ANKHD1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ANKHD1 Antibody (N-term) - 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

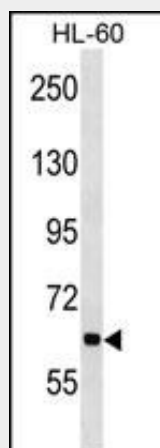
Ubiquitous with high expression in cervix, spleen and brain. Expressed in hematopoietic cells with increased expression in leukemia cells. Isoform 2 is highly expressed in spleen with almost no expression in muscle and brain.

ANKHD1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ANKHD1 Antibody (N-term) - Images



ANKHD1 Antibody (N-term) (Cat. #AP16216a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ANKHD1 antibody detected the ANKHD1 protein (arrow).

ANKHD1 Antibody (N-term) - 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) - 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)