

ANKHD1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58324**Specification****ANKHD1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8IWZ3
Reactivity	Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	269 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ANKHD1
Epitope Specificity	1901-2000/2542
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
SIMILARITY	Belongs to the mask family. Contains 25 ANK repeats. Contains 1 KH domain. Interacts with PTPN11. Isoform 2 interacts with HIV-1 VPR.
SUBUNIT	
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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.

ANKHD1 Polyclonal Antibody - 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

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.

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ANKHD1 Polyclonal Antibody - 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 Polyclonal Antibody - 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 Polyclonal Antibody - Images