



Rabbit Anti-ANKHD1 antibody

SL5831R

Product Name:	ANKHD1
Chinese Name:	艾滋病病毒制约锚定蛋白抗体
Alias:	ANKH1_HUMAN; ANKHD 1; ANKHD1; Ankyrin repeat and KH domain containing 1; Ankyrin repeat and KH domain containing protein 1; Ankyrin repeat and KH domain-containing protein 1; HIV-1 Vpr-binding ankyrin repeat protein; HIV1 Vpr binding ankyrin repeat protein; hMASK; MASK; Multiple ankyrin repeats single KH domain; Multiple ankyrin repeats single KH domain homolog; VBARP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	269kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ANKHD1:1901-2000/2542
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

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.

Subunit:

Interacts with PTPN11. Isoform 2 interacts with HIV-1 VPR.

Subcellular Location:

Cytoplasm.

Tissue 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.

Similarity:

Belongs to the mask family.

Contains 25 ANK repeats.

Contains 1 KH domain.

SWISS:

Q8IWZ3

Gene ID:

54882

Database links:

[Entrez Gene: 54882](#)Human

[Omir: 610500](#)Human

[SwissProt: Q8IWZ3](#)Human

[Unigene: 594084](#)Human

[Unigene: 720987](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.