

ANKMY1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59372**Specification**

ANKMY1 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9P2S6
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ANKMY1
Epitope Specificity	814-941/941
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 7 ANK repeats. Contains 3 MORN repeats. Contains 1 MYND-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network. Mutations of ankyrin genes lead to severe genetic diseases such as fatal cardiac arrhythmias and hereditary spherocytosis. ANKMY1 (ankyrin repeat and MYND domain containing 1), also known as ZMYND13 or TSAL1, is a 941 amino acid protein that contains seven ANK repeats, three MORN repeats and one MYND-type zinc finger. MORN repeats were first identified in junctophilins, cytoplasmic proteins involved in junctions between the plasma membrane and the ER/SR membrane. The presence of MORN repeats suggests that ANKMY1 may interact with the plasma membrane. The MYND domain consists of a cluster of cysteine and histidine residues, arranged with an invariant spacing to form a potential zinc-binding motif which may be involved in protein-protein interactions. Three isoforms of ANKMY1 exists due to alternative splicing events.

ANKMY1 Polyclonal Antibody - Additional Information**Gene ID** 51281**Other Names**

Ankyrin repeat and MYND domain-containing protein 1, Testis-specific ankyrin-like protein 1, Zinc finger MYND domain-containing protein 13, ANKMY1, TSAL1, ZMYND13

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

ANKMY1 Polyclonal Antibody - Protein Information

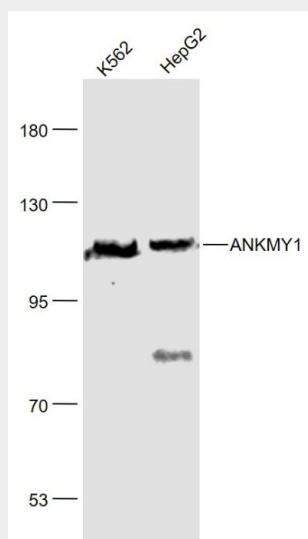
Name ANKMY1

Synonyms TSAL1, ZMYND13

ANKMY1 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](#)

ANKMY1 Polyclonal Antibody - Images

Sample:

K562(Human) Cell Lysate at 30 ug

HpG2(Human) Cell Lysate at 30 ug
Primary: Anti-ANKMY1 (bs-9744R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 106 kD
Observed band size: 112 kD