

RNF24 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59193**Specification****RNF24 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O9Y225
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RNF24
Epitope Specificity	1-100/148
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	Golgi apparatus membrane; Single-pass membrane protein.
SIMILARITY	Contains 1 RING-type zinc finger.
SUBUNIT	Interacts with TRPC1, TRPC3, TRPC4, TRPC5, TRPC6 and TRPC7.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF24 (ring finger protein 24), also known as Goliath-like protein (C3CH4 type) or G1L, is a single-pass membrane protein found in the Golgi apparatus, consisting of 148 amino acids. RNF24 causes intracellular retention of TRPCs, regulates insertion of TRPCs into the plasma membrane and interacts with TRPC1, TRPC3, TRPC4, TRPC5, TRPC6 and TRPC7. The RNF24 protein shares similarity with *Drosophila* Goliath protein and thus, may function as a transcription factor. Multiple transcript variants encoding different isoforms have been found for the RNF24 gene, which maps to human chromosome 20p13.

RNF24 Polyclonal Antibody - Additional Information**Gene ID** 11237**Other Names**

RING finger protein 24, RNF24

Dilution

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

RNF24 Polyclonal Antibody - Protein Information

Name RNF24

Function

May play a role in TRPCs intracellular trafficking.

Cellular Location

Golgi apparatus membrane; Single-pass membrane protein

RNF24 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](#)

RNF24 Polyclonal Antibody - Images