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RNF24 Rabbit pAb

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Catalog # AP59193

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y225
Predicted	Rat, Pig, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17210
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.
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.

Additional Information

Gene ID	11237
Other Names	RING finger protein 24, RNF24
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	RNF24
Function	May play a role in TRPCs intracellular trafficking.
Cellular Location	Golgi apparatus membrane; Single-pass membrane protein

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.