

# RNF24 Rabbit pAb

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Catalog # AP59193

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q9Y225</a>
<b>Predicted</b>	Human, Mouse, Rat, Pig, Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	17210
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human RNF24
<b>Epitope Specificity</b>	1-100/148
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Golgi apparatus membrane; Single-pass membrane protein.
<b>SIMILARITY</b>	Contains 1 RING-type zinc finger.
<b>SUBUNIT</b>	Interacts with TRPC1, TRPC3, TRPC4, TRPC5, TRPC6 and TRPC7.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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

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

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<b>Name</b>	RNF24
<b>Function</b>	May play a role in TRPCs intracellular trafficking.
<b>Cellular Location</b>	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'.