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[Marker Primary Antibody]

Rabbit Anti-RNF24/HRP Conjugated antibody

Catalog Number: SL9239R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-RNF24/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human RNF24
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1000-10000 IHC-P=1:100-500 IHC-F=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Pig,Cow,Rabbit)
Background:	background: 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

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	the RNF24 gene, which maps to human chromosome 20p13. **Function:** May play a role in TRPCs intracellular trafficking. **Subunit:** Interacts with TRPC1, TRPC3, TRPC4, TRPC5, TRPC6 and TRPC7. **Subcellular Location:** Golgi apparatus membrane; Single-pass membrane protein. **Similarity:** Contains 1 RING-type zinc finger. **Database links:** **Entrez Gene:** 11237 Human **SwissProt:** Q9Y225 Human **SwissProt:** Q9Y225-2 Human **Unigene:** 589884 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.