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RNF13 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10611

Product Information

Application	WB
Primary Accession	O43567
Other Accession	NM_007282, NP_009213
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Human, Mouse, Rat, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42814

Additional Information

Gene ID	11342
Alias Symbol	MGC13689, RZF
Other Names	E3 ubiquitin-protein ligase RNF13, 6.3.2.-, RING finger protein 13, RNF13, RZF
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-RNF13 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RNF13 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RNF13 {ECO:0000303|PubMed:18794910, ECO:0000312|HGNC:HGNC:10057}
Function	E3 ubiquitin-protein ligase that regulates cell proliferation (PubMed:18794910, PubMed:23378536, PubMed:30595371). Involved in apoptosis regulation (PubMed:23378536, PubMed:30595371). Mediates ER stress-induced activation of JNK signaling pathway and apoptosis by promoting ERN1 activation and splicing of XBP1 mRNA (PubMed:23378536, PubMed:30595371). Also involved in protein trafficking and localization (PubMed:24387786).
Cellular Location	Endoplasmic reticulum membrane; Single-pass type I membrane protein. Late endosome membrane; Single-pass type I membrane protein. Lysosome

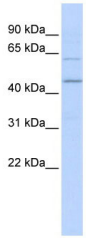
membrane; Single-pass type I membrane protein. Nucleus inner membrane {ECO:0000250|UniProtKB:O54965}; Single-pass type I membrane protein. Note=Under certain conditions, relocalizes to recycling endosomes and to the inner nuclear membrane. {ECO:0000250|UniProtKB:O54965}

Tissue Location Widely expressed (at protein level). In normal pancreas, expressed in islets, but not in ducts, nor in acini (at protein level).

References

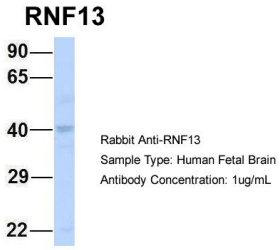
Wesselkamper,S.C., (2006) Am. J. Respir. Cell Mol. Biol. 34 (1), 73-82 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-RNF13 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: Hela cell lysate

RNF13 is supported by BioGPS gene expression data to be expressed in HeLa



Host:Rabbit
Target Name:RNF13
Sample Tissue:Human Fetal Brain
Antibody Dilution:1.ug/ml

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