10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RNF13 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10611

Specification

RNF13 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	O43567
Other Accession	NM_007282, NP_009213
Reactivity	**Human, Mouse, Rat, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Chicken, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**43kDa KDa**

RNF13 antibody - N-terminal region - 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.

RNF13 antibody - N-terminal region - 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).

RNF13 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

