

**RNF13 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10611****Specification****RNF13 antibody - N-terminal region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">O43567</a>                                |
| Other Accession   | <a href="#">NM_007282</a> , <a href="#">NP_009213</a> |
| 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:&lt;a href="http://www.uniprot.org/citations/18794910" target="\_blank"&gt;18794910&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/23378536" target="\_blank"&gt;23378536&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/30595371" target="\_blank"&gt;30595371&lt;/a&gt;). Involved in apoptosis regulation (PubMed:&lt;a href="http://www.uniprot.org/citations/23378536" target="\_blank"&gt;23378536&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/30595371" target="\_blank"&gt;30595371&lt;/a&gt;). Mediates ER stress-induced activation of JNK signaling pathway

and apoptosis by promoting ERN1 activation and splicing of XBP1 mRNA (PubMed:<a href="http://www.uniprot.org/citations/23378536" target="\_blank">23378536</a>, PubMed:<a href="http://www.uniprot.org/citations/30595371" target="\_blank">30595371</a>). Also involved in protein trafficking and localization (PubMed:<a href="http://www.uniprot.org/citations/24387786" target="\_blank">24387786</a>).

#### 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, relocates 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 Cytometry](#)
- [Cell Culture](#)

