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RNF13 / RZF (isoform 1 and 3) Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2316a

Specification

RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) - Product Information

Application	**WB, FC**
Primary Accession	O43567
Other Accession	NP_009213.1, 11342
Reactivity	**Human**
Predicted	**Mouse, Rat, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**42814**

RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) - Additional Information

Gene ID 11342

Other Names
E3 ubiquitin-protein ligase RNF13, 6.3.2.-, RING finger protein 13, RNF13, RZF

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) - 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}

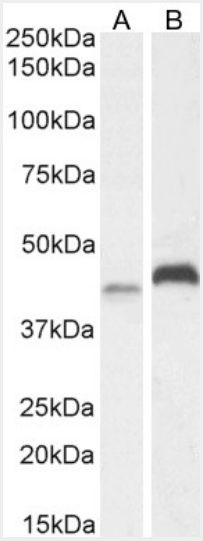
Tissue Location
Widely expressed (at protein level). In normal pancreas, expressed in islets, but not in ducts, nor in acini (at protein level).

RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) - Protocols

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

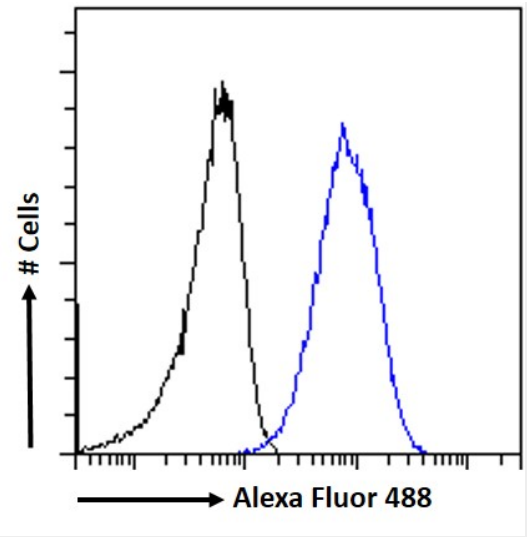
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) - Images



EB05854 (2µg/ml) staining of A431 (A) and HeLa (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

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EB05854 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) - Background

Reported variants represent identical protein (NP_009213.1; NP_899237.1).

RNF13 / RZF (isoform 1 and 3) Antibody (C-Term) - References

Identification and characterization of a RING zinc finger gene (C-RZF) expressed in chicken embryo cells. Tranque P, Crossin KL, Cirelli C, Edelman GM, Mauro VP. Proc Natl Acad Sci U S A. 1996 Apr 2;93(7):3105-9. PMID: 8610176