

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, IHC, E
Primary Accession	O43567
Other Accession	NP_009213.1 , 11342
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
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

Dilution

WB~~1:1000

IHC~~1:100~500

E~~N/A

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

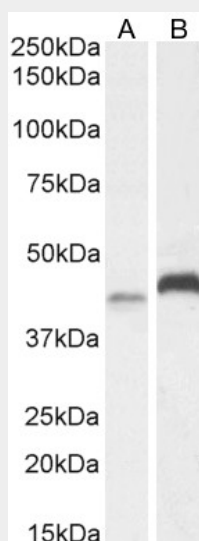
Widely expressed (at protein level). In normal pancreas, expressed in islets, but not in ducts, nor in acini (at protein level).

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

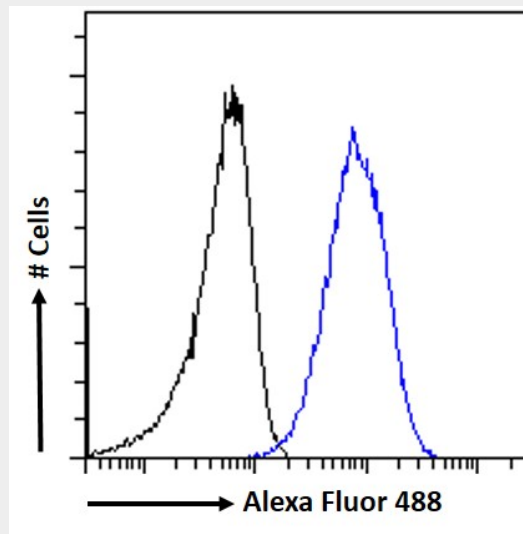
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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



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



EB05854 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (1 μ g/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