

RING finger protein 189 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58540

Specification

RING finger protein 189 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8WZ73
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RING finger protein 189 251-363/363
Epitope Specificity	IgG
Isotype	
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, Membrane; Peripheral membrane protein.
SIMILARITY	Contains 1 FYVE-type zinc finger. Contains 1 RING-type zinc finger. Contains 2 SAP domains. Binds CASP8 and CASP10. Rapidly degraded after stimulation with TNFSF10, probably by caspases. Auto-ubiquitinated (in vitro). Palmitoylated. This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
SUBUNIT	
Post-translational modifications	
Important Note	

Background Descriptions

Has E3 ubiquitin protein ligase activity. Regulates the levels of CASP8 and CASP10 by targeting them for proteasomal degradation. Has anti-apoptotic activity. May bind phosphatidylinositol phosphates.

RING finger protein 189 Polyclonal Antibody - Additional Information

Gene ID 117584

Other Names

E3 ubiquitin-protein ligase rififylin, 2.3.2.27, Caspase regulator CARP2, Caspases-8 and -10-associated RING finger protein 2, CARP-2, FYVE-RING finger protein Sakura, Fring, RING finger and FYVE-like domain-containing protein 1, RING finger protein 189, RING finger protein 34-like, RING-type E3 ubiquitin transferase rififylin, RFFL (<a href="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=24821"

target=_blank">HGNC:24821), RNF189, RNF34L

Target/Specificity

Ubiquitous. Detected in spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RING finger protein 189 Polyclonal Antibody - Protein Information

Name RFFL ([HGNC:24821](#))

Synonyms RNF189, RNF34L

Function

E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. Mediates 'Lys-48'-linked polyubiquitination of PRR5L and its subsequent proteasomal degradation thereby indirectly regulating cell migration through the mTORC2 complex. Ubiquitinates the caspases CASP8 and CASP10, promoting their proteasomal degradation, to negatively regulate cell death downstream of death domain receptors in the extrinsic pathway of apoptosis. Negatively regulates the tumor necrosis factor-mediated signaling pathway through targeting of RIPK1 to ubiquitin-mediated proteasomal degradation. Negatively regulates p53/TP53 through its direct ubiquitination and targeting to proteasomal degradation. Indirectly, may also negatively regulate p53/TP53 through ubiquitination and degradation of SFN. May also play a role in endocytic recycling.

Cellular Location

Cytoplasm, cytosol. Cell membrane; Peripheral membrane protein. Recycling endosome membrane; Peripheral membrane protein. Note=The FYVE-type zinc finger may mediate phosphatidylinositol phosphate-binding and control subcellular localization

Tissue Location

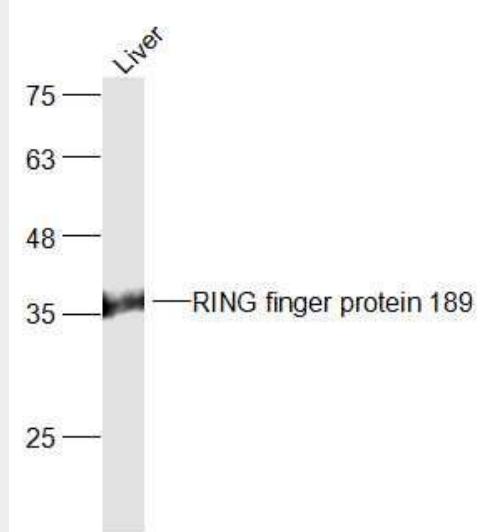
Ubiquitous. Detected in spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes

RING finger protein 189 Polyclonal Antibody - 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](#)

RING finger protein 189 Polyclonal Antibody - Images**Sample:**

Liver (Mouse) Lysate at 40 ug

Primary: Anti-RING finger protein 189 (bs-6872R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 40 kD

Observed band size: 40 kD