

**RFFL Antibody (aa1-363)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11353****Specification**

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**RFFL Antibody (aa1-363) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q8WZ73</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

**RFFL Antibody (aa1-363) - Additional Information****Gene ID** 117584**Other Names**

E3 ubiquitin-protein ligase rififylin, 6.3.2.-, 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, RFFL ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=24821](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=24821)), HGNC:24821, RNF189, RNF34L

**Target/Specificity**

Amino acids 1-363 of human RFFL protein.

**Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

**Precautions**

RFFL Antibody (aa1-363) is for research use only and not for use in diagnostic or therapeutic procedures.

**RFFL Antibody (aa1-363) - 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**

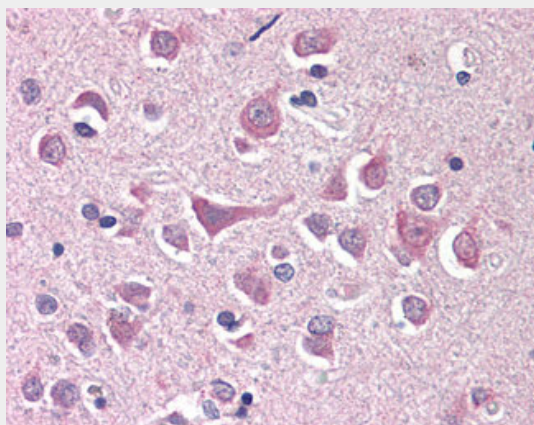
Ubiquitous. Detected in spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes

### **RFFL Antibody (aa1-363) - 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](#)

### **RFFL Antibody (aa1-363) - Images**



Anti-RFFL antibody IHC of human brain, cortex.

### **RFFL Antibody (aa1-363) - Background**

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ubiquitination and degradation of SFN. May also play a role in endocytic recycling.

#### **RFFL Antibody (aa1-363) - References**

Hong W.,et al.Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.  
Kanbe D.,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.