# RNF34 polyclonal antibody

Catalog # PAB11257 Size 500 ug

## Applications



#### Western Blot (Transfected lysate)

Western blot using RNF34 polyclonal antibody (Cat # PAB11257) shows detection of human RNF34 (arrowhead) in lysate. Lanes corresponding to empty vector 293T cell lysate (mock, lane 1) ; RNF34 transfected lysate (Lane 2) and RFFL transfected lysate (Lane 3), are shown using 20 ug of lysate per lane. Lysates were prepared from equivalent numbers of cells.

The primary antibody diluted to 1:1,000.

Personal Communication, Srinivasa Srinivasula, CCR-NCI, Bethesda, MD.

| Specification           |   |
|-------------------------|---|
| Product Description     | Rabbit polyclonal antibody raised against partial recombinant RNF34.  |
| Immunogen               | Recombinant protein corresponding to amino acids 1-373 of human RNF34.  |
| Host                    | Rabbit  |
| Reactivity              | Bovine, Dog, Human, Mouse, Orangutan, Rat   |
| Specificity             | This protein A purified antibody is directed against human RNF34 protein. Expect reactivity with isof orm 1 and 2 of RNF34. |
| Form                    | Lyophilized   |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.  |
| Recommend Usage         | ELISA (1:4000-1:20000)<br>Western Blot (1:500-1:3000)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer          | Lyophilized from 20 mM KH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCI, pH 7.2 (0.01% sodium azide)                           |

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### **Product Information**

Storage InstructionStore at 4°C. For long term storage store at -20°C.Aliquot after reconstitution to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay

| Gene Info — RNF34  |  |
|--------------------|--|
| Entrez GenelD      | <u>80196</u>   |
| Protein Accession# | <u>NP_919247;Q969K3</u>  |
| Gene Name          | RNF34  |
| Gene Alias         | FLJ21786, RFI, RIF, RIFF   |
| Gene Description   | ring finger protein 34   |
| Omim ID            | <u>608299</u>  |
| Gene Ontology      | <u>Hyperlink</u>   |
| Gene Summary       | The protein encoded by this gene contains a RINF finger, a motif known to be involved in protein-<br>protein and protein-DNA interactions. This protein interacts with DNAJA3/hTid-1, which is a DnaJ<br>protein reported to function as a modulator of apoptosis. Overexpression of this gene in Hela cells<br>was shown to confer the resistance to TNF-alpha induced apoptosis, suggesting an anti-apoptoti<br>c function of this protein. This protein can be cleaved by caspase-3 during the induction of apopto<br>sis. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provid<br>ed by RefSeq |
| Other Designations | FYVE-RING finger protein MOMO RING finger protein RIFF   |



### Publication Reference

• Isolation and characterization of a novel gene, hRFI, preferentially expressed in esophageal cancer.

Sasaki S, Nakamura T, Arakawa H, Mori M, Watanabe T, Nagawa H, Croce CM.

Oncogene 2002 Jul; 21(32):5024.

Application: IF, WB-Tr, Human, HeLa, Jurkat cells