

## Rabbit anti-Human RNF34 Polyclonal Antibody | anti-RNF34 antibody

RNF34 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231913</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

RNF34; Polyclonal Antibody; RNF34 Antibody; E3 ubiquitin-protein ligase RNF34Curated; Caspase regulator CARP1Curated; Caspases-8 and -10-associated RING finger protein 1; anti-RNF34 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 180                                                                                                            |
| Applicable Applications for anti-RNF34 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human E3 ubiquitin-protein ligase RNF34 protein (N-220AA)                                          |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-74662                                  |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate cancer using AAA231913 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: RNF34 antibody at 1.18 ug/mLane 1: LO2 whole cell lysateLane 2: U251 whole cell lysateLane 3: Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 42 kDaObserved band size: 42 kDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Related Product Information for anti-RNF34 antibody | E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. 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 (PubMed:15069192). May mediate 'Lys-48'-linked polyubiquitination of RIPK1 and its subsequent proteasomal degradation thereby indirectly regulating the tumor necrosis factor-mediated signaling pathway (Ref.13). Negatively regulates p53/TP53 through its direct ubiquitination and targeting to proteasomal degradation (PubMed:17121812). Indirectly, may also negatively regulate p53/TP53 through ubiquitination and degradation of SFN (PubMed:18382127). Mediates PPARGC1A proteasomal degradation probably through ubiquitination thereby indirectly regulating the metabolism of brown fat cells (PubMed:22064484). Possibly involved in innate immunity, through 'Lys-48'-linked polyubiquitination of NOD1 and its subsequent proteasomal degradation (PubMed:25012219). |
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NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 378925642                                   |
| NCBI GeneID                      | 80196                                       |
| NCBI Accession #                 | NP_001243787.1                              |
| NCBI GenBank Nucleotide #        | NM_001256858.1                              |
| UniProt Accession #              | Q969K3; Q8NG47; Q9H6W8; B7Z933              |
| Molecular Weight                 | 41,797 Da                                   |
| NCBI Official Full Name          | E3 ubiquitin-protein ligase RNF34 isoform 3 |
| NCBI Official Synonym Full Names | ring finger protein 34                      |
| NCBI Official Symbol             | RNF34                                       |
| NCBI Official Synonym Symbols    | RFI; RIF; RIFF; hRFI; CARP1; CARP-1         |
| NCBI Protein Information         | E3 ubiquitin-protein ligase RNF34           |
| UniProt Protein Name             | E3 ubiquitin-protein ligase RNF34           |
| UniProt Gene Name                | RNF34                                       |
| UniProt Synonym Gene Names       | hRFI                                        |
| UniProt Entry Name               | RNF34_HUMAN                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rnf34-antibody-immunohistochemistry-western-blot-elisa/231913>