

## Rabbit anti-Human, Mouse RUFY1 Polyclonal Antibody | anti-RUFY1 antibody

Rabbit anti-RUFY1 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                      |
|-----------|--------|--------------|-----------------------------------|
| AAA212992 | Rabbit | Human, Mouse | Immunoprecipitation, Western Blot |

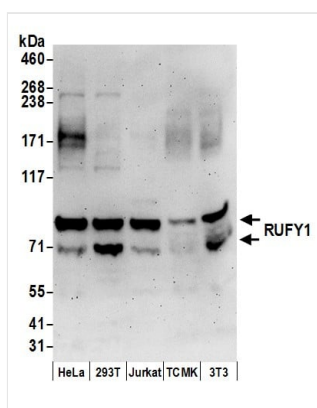
### PRODUCT SYNONYMS

RUFY1; Polyclonal Antibody; Rabbit anti-RUFY1 Antibody; Affinity Purified; rab4-interacting protein; zinc finger FYVE domain-containing protein 12; ZFYVE12; RABIP4; Ia-binding protein 1; FYVE-finger protein EIP1; RUN and FYVE domain-containing protein 1; RUN and FYVE domain containing 1; anti-RUFY1 antibody

### PRODUCT SPECIFICATIONS

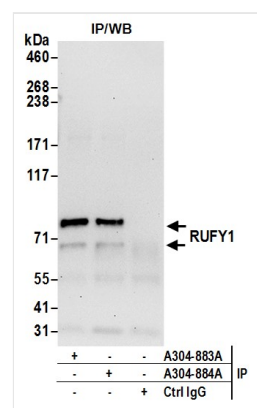
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse                                                                              |
| Clonality                                       | Polyclonal                                                                                |
| Purity/Purification                             | Antigen Affinity Purified                                                                 |
| Form/Format                                     | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                   | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-RUFY1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Immunogen                                       | Between 658 and C-terminus                                                                |
| Conjugation                                     | Unconjugated                                                                              |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human and mouse RUFY1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RUFY1 antibody AAA212992 (lot AAA212992-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



#### IP (Immunoprecipitation)

Detection of human RUFY1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RUFY1 antibody AAA212992 (lot AAA212992-1) used for IP at 6 ug per reaction. RUFY1 was also immunoprecipitated by rabbit anti-RUFY1 antibody For blotting immunoprecipitated RUFY1, AAA212992 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RUFY1 antibody | RUN and FYVE domain-containing protein 1 (RUFY1) binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in early endosomal trafficking [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q96T51">www.uniprot.org/uniprot/Q96T51</a> ]. |
| Product Categories/Family for anti-RUFY1 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">94721336</a>                                                                                                                                          |
| NCBI GeneID                      | <a href="#">80230</a>                                                                                                                                             |
| NCBI Accession #                 | <a href="#">NP_079434.3</a>                                                                                                                                       |
| NCBI GenBank Nucleotide #        | <a href="#">NM_025158.4</a>                                                                                                                                       |
| UniProt Accession #              | <a href="#">Q96T51</a> ; <a href="#">Q59FF3</a> ; <a href="#">Q71S93</a> ; <a href="#">Q9H6I3</a>                                                                 |
| Molecular Weight                 | 44,489 Da                                                                                                                                                         |
| NCBI Official Full Name          | RUN and FYVE domain-containing protein 1 isoform a                                                                                                                |
| NCBI Official Synonym Full Names | RUN and FYVE domain containing 1                                                                                                                                  |
| NCBI Official Symbol             | RUFY1                                                                                                                                                             |
| NCBI Official Synonym Symbols    | RABIP4; ZFYVE12                                                                                                                                                   |
| NCBI Protein Information         | RUN and FYVE domain-containing protein 1; la-binding protein 1; FYVE-finger protein EIP1; rab4-interacting protein; zinc finger FYVE domain-containing protein 12 |
| UniProt Protein Name             | RUN and FYVE domain-containing protein 1                                                                                                                          |
| UniProt Gene Name                | <b>RUFY1</b>                                                                                                                                                      |
| UniProt Synonym Gene Names       | RABIP4; ZFYVE12                                                                                                                                                   |
| UniProt Entry Name               | RUFY1_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/rufy1-antibody-immunoprecipitation-western-blot-elisa/212992>