

## Rabbit FIP1L1 Polyclonal Antibody | anti-FIP1L1 antibody

FIP1L1 Polyclonal Antibody

|                               |                       |                                        |                                                                               |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA279927</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

FIP1L1; Polyclonal Antibody; FIP1L1 Polyclonal Antibody; Rhe; FIP1; hFip1; anti-FIP1L1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Isotype                                          | IgG                                                                                                                                                   |
| Purity/Purification                              | Affinity Purification                                                                                                                                 |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                  | 594                                                                                                                                                   |
| Applicable Applications for anti-FIP1L1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Species                                          | Human                                                                                                                                                 |
| Immunogen                                        | Recombinant Protein                                                                                                                                   |
| Immunogen                                        | Recombinant protein of human FIP1L1                                                                                                                   |
| Calculated Molecular Weight                      | 67kDa                                                                                                                                                 |
| Preparation and Storage                          | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using FIP1L1 antibody.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using FIP1L1 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FIP1L1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FIP1L1 antibody | This gene encodes a subunit of the CPSF (cleavage and polyadenylation specificity factor) complex that polyadenylates the 3' end of mRNA precursors. This gene, the homolog of yeast Fip1 (factor interacting with PAP), binds to U-rich sequences of pre-mRNA and stimulates poly(A) polymerase activity. Its N-terminus contains a PAP-binding site and its C-terminus an RNA-binding domain. An interstitial chromosomal deletion on 4q12 creates an in-frame fusion of human genes FIP1L1 and PDGFRA (platelet-derived growth factor receptor, alpha). The FIP1L1-PDGFRA fusion gene encodes a constitutively activated tyrosine kinase that joins the first 233 amino acids of FIP1L1 to the last 523 amino acids of PDGFRA. This gene fusion and chromosomal deletion is the cause of some forms of idiopathic hypereosinophilic syndrome (HES). This syndrome, recently reclassified as chronic eosinophilic leukemia (CEL), is responsive to treatment with tyrosine kinase inhibitors. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| Product Categories/Family for anti-FIP1L1 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 74749365                                                                                                                                                                                            |
| NCBI GeneID                      | 81608                                                                                                                                                                                               |
| UniProt Accession #              | Q6UN15; Q0VGE0; Q499Y4; Q49AU3; Q7Z608; Q8WVN3; Q96F80; Q9H077; B4DIR3; G3XAD6                                                                                                                      |
| Molecular Weight                 | 594                                                                                                                                                                                                 |
| NCBI Official Full Name          | Pre-mRNA 3'-end-processing factor FIP1                                                                                                                                                              |
| NCBI Official Synonym Full Names | factor interacting with PAPOLA and CPSF1                                                                                                                                                            |
| NCBI Official Symbol             | FIP1L1                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | Rhe; FIP1; hFip1                                                                                                                                                                                    |
| NCBI Protein Information         | pre-mRNA 3'-end-processing factor FIP1; FIP1 like 1; FIP1-like 1 protein; factor interacting with PAP; rearranged in hypereosinophilia; FIP1L1 cleavage and polyadenylation specific factor subunit |
| UniProt Protein Name             | Pre-mRNA 3'-end-processing factor FIP1                                                                                                                                                              |
| UniProt Gene Name                | FIP1L1                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | FIP1; RHE; hFip1                                                                                                                                                                                    |
| UniProt Entry Name               | FIP1_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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