

## Rabbit anti-Human EFTUD1 Polyclonal Antibody | anti-EFTUD1 antibody

Rabbit anti-EFTUD1 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA213455 | Rabbit | Human      | Immunoprecipitation, Western Blot |

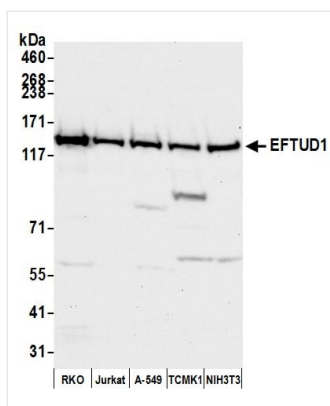
### PRODUCT SYNONYMS

EFTUD1; Polyclonal Antibody; Rabbit anti-EFTUD1 Antibody; Affinity Purified; ribosome assembly 1 homolog; RIA1; HsT19294; FAM42A; elongation factor-like GTPase 1; elongation factor-like 1; elongation factor Tu GTP binding domain containing 1; EFL1; SDS2; elongation factor Tu GTP-binding domain-containing protein 1; Elongation factor-like GTPase 1; elongation factor like GTPase 1; anti-EFTUD1 antibody

### PRODUCT SPECIFICATIONS

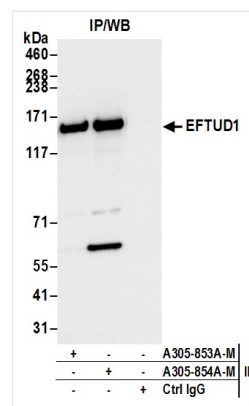
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human                                                                                     |
| 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-EFTUD1 antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Immunogen                                        | Between 700 and 750                                                                       |
| 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 EFTUD1 by western blot. Samples: Whole cell lysate (50 ug) from RKO, Jurkat, A-549, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-EFTUD1 antibody (AAA213455 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



#### IP (Immunoprecipitation)

Detection of human EFTUD1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from RKO cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-EFTUD1 antibody (AAA213455 lot 1) used for IP at 1 ug per reaction. EFTUD1 was also immunoprecipitated by rabbit anti-EFTUD1 antibody. For blotting immunoprecipitated EFTUD1, AAA213455 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EFTUD1 antibody | EFTUD1 is involved in the biogenesis of the 60S ribosomal subunit and translational activation of ribosomes. Together with SBDS, triggers the GTP-dependent release of EIF6 from 60S pre-ribosomes in the cytoplasm, thereby activating ribosomes for translation competence by allowing 80S ribosome assembly and facilitating EIF6 recycling to the nucleus, where it is required for 60S rRNA processing and nuclear export. Has low intrinsic GTPase activity. GTPase activity is increased by contact with 60S ribosome subunits. [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q7Z2Z2">www.uniprot.org/uniprot/Q7Z2Z2</a> ]. |
| Product Categories/Family for anti-EFTUD1 antibody   | <a href="#">Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">94966754</a>                                                                          |
| NCBI GeneID                      | <a href="#">79631</a>                                                                             |
| NCBI Accession #                 | <a href="#">NP_078856.4</a>                                                                       |
| NCBI GenBank Nucleotide #        | <a href="#">NM_024580.5</a>                                                                       |
| UniProt Accession #              | <a href="#">Q7Z2Z2</a> ; <a href="#">Q9H8Z6</a> ; <a href="#">A6NKY5</a> ; <a href="#">B7Z6I0</a> |
| Molecular Weight                 | 119,887 Da                                                                                        |
| NCBI Official Full Name          | elongation factor-like GTPase 1 isoform 1                                                         |
| NCBI Official Synonym Full Names | elongation factor like GTPase 1                                                                   |
| NCBI Official Symbol             | EFL1                                                                                              |
| NCBI Official Synonym Symbols    | RIA1; EFTUD1; FAM42A; HsT19294                                                                    |
| NCBI Protein Information         | elongation factor-like GTPase 1                                                                   |
| UniProt Protein Name             | Elongation factor Tu GTP-binding domain-containing protein 1                                      |
| UniProt Gene Name                | <b>EFTUD1</b>                                                                                     |
| UniProt Synonym Gene Names       | EFL1; FAM42A                                                                                      |
| UniProt Entry Name               | ETUD1_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://www.aaabiotech.com/polyclonal/efud1-antibody-immunoprecipitation-western-blot-elisa/213455>