

## Rabbit anti-Human, Mouse eEF2 Polyclonal Antibody | anti-eEF2 antibody

Rabbit anti-eEF2 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA211590 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

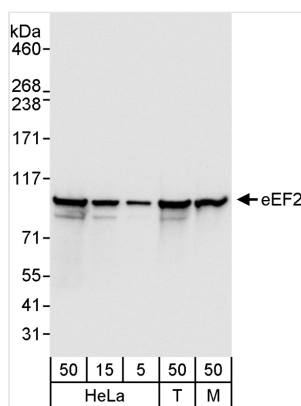
### PRODUCT SYNONYMS

eEF2; Polyclonal Antibody; Rabbit anti-eEF2 Antibody; Affinity Purified; epididymis secretory sperm binding protein; polypeptidyl-tRNA translocase; elongation factor 2; EF2; EEF-2; SCA26; EF-2; Elongation factor 2; eukaryotic translation elongation factor 2; anti-eEF2 antibody

### PRODUCT SPECIFICATIONS

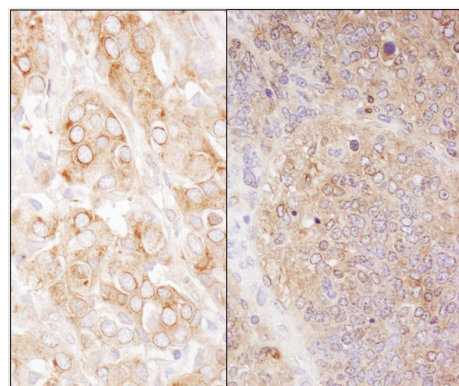
|                                                |                                                                                    |
|------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                             |
| Reactivity                                     | Human, Mouse                                                                       |
| Clonality                                      | Polyclonal                                                                         |
| Purity/Purification                            | Antigen Affinity Purified                                                          |
| Form/Format                                    | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                  | 200ug/ml (varies by lot)                                                           |
| Applicable Applications for anti-eEF2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                      |
| Predicted Reactivity                           | Rat, Chicken, Bovine, Orangutan                                                    |
| Immunogen                                      | Between 808 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 eEF2 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-eEF2 antibody AAA211590 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



#### IHC (Immunohistochemistry)

Detection of human and mouse eEF2 by immunohistochemistry. Sample: FFPE section of human breast carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-eEF2 (Cat. No. AAA211590) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-eEF2 antibody | Eukaryotic translation elongation factor 2 (eEF2) is a non-ribosomal protein that mediates ribosomal translocation and catalyzes peptide elongation in the presence of GTP. eEF2 is a substrate of the eEF2 kinase. Phosphorylation of eEF2 in response to increased energy demand or reduction in supply inhibits eEF2 activity for the conservation of energy. |
| Product Categories/Family for anti-eEF2 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 4503483                                            |
| NCBI GeneID                      | 1938                                               |
| NCBI Accession #                 | NP_001952.1                                        |
| NCBI GenBank Nucleotide #        | NM_001961.3                                        |
| UniProt Accession #              | P13639; Q58J86; B2RMP5; D6W618                     |
| Molecular Weight                 | 95,338 Da                                          |
| NCBI Official Full Name          | elongation factor 2                                |
| NCBI Official Synonym Full Names | eukaryotic translation elongation factor 2         |
| NCBI Official Symbol             | EEF2                                               |
| NCBI Official Synonym Symbols    | EF2; EF-2; EEF-2                                   |
| NCBI Protein Information         | elongation factor 2; polypeptidyl-tRNA translocase |
| UniProt Protein Name             | Elongation factor 2                                |
| UniProt Gene Name                | EEF2                                               |
| UniProt Synonym Gene Names       | EF2; EF-2                                          |
| UniProt Entry Name               | EF2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eef2-antibody-immunohistochemistry-western-blot-elisa/211590>