

## Rabbit eIF2alpha Polyclonal Antibody | anti-eIF2alpha antibody

Phospho-eIF2alpha (S51) Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA171881 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

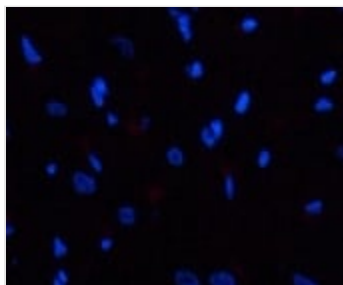
### PRODUCT SYNONYMS

eIF2alpha; Polyclonal Antibody; Phospho-eIF2alpha (S51) Polyclonal Antibody; EIF2S1; EIF2A; Eukaryotic translation initiation factor 2 subunit 1; Eukaryotic translation initiation factor 2 subunit alpha; eIF-2-alpha; eIF-2A; eIF-2alpha; anti-eIF2alpha antibody

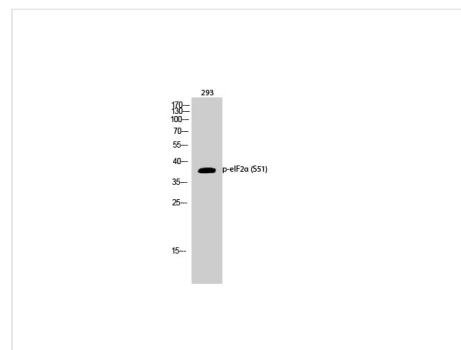
### PRODUCT SPECIFICATIONS

|                                                     |                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                                   |
| Reactivity                                          | Human, Mouse, Rat                                                                        |
| Clonality                                           | Polyclonal                                                                               |
| Isotype                                             | IgG                                                                                      |
| Purity/Purification                                 | Antigen Affinity Purified                                                                |
| Concentration                                       | 1mg/ml (varies by lot)                                                                   |
| Applicable Applications for anti-eIF2alpha antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                     |
| Immunogen                                           | Synthesized peptide derived from human eIF2alpha around the phosphorylation site of S51. |
| Buffer                                              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                  |
| Preparation and Storage                             | Store at -20 degree C. Avoid freeze / thaw cycles.                                       |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of Rat heart tissue with Phospho-eIF2? (Ser51) Polyclonal Antibody at dilution of 1:200


**WB (Western Blot)**

Western Blot analysis of 293T cells with Phospho-eIF2? (Ser51) Polyclonal Antibody at dilution of 1:2000

### ADDITIONAL INFORMATION

Product Categories/Family for anti-eIF2alpha antibody

Phospho Antibodies

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 13385624                                                    |
| NCBI GeneID                      | 13665                                                       |
| NCBI Accession #                 | NP_080390.1                                                 |
| NCBI GenBank Nucleotide #        | NM_026114.3                                                 |
| Molecular Weight                 | Calculated MW: 36 kDa                                       |
| NCBI Official Full Name          | eukaryotic translation initiation factor 2 subunit 1        |
| NCBI Official Synonym Full Names | eukaryotic translation initiation factor 2, subunit 1 alpha |
| NCBI Official Symbol             | Eif2s1                                                      |
| NCBI Official Synonym Symbols    | 35kDa; Elf2a; eIF2alpha; 0910001O23Rik; 2410026C18Rik       |
| NCBI Protein Information         | eukaryotic translation initiation factor 2 subunit 1        |
| UniProt Protein Name             | Eukaryotic translation initiation factor 2 subunit 1        |
| UniProt Gene Name                | Eif2s1                                                      |
| UniProt Synonym Gene Names       | Elf2a; eIF-2-alpha; eIF-2A; eIF-2alpha                      |
| UniProt Entry Name               | IF2A_MOUSE                                                  |

**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/eif2alpha-antibody-immunohistochemistry-western-blot-elisa/171881>