

## Rabbit anti-Human, Mouse eIF5A2 Polyclonal Antibody | anti-eIF5A2 antibody

eIF5A2 Polyclonal Antibody

|                               |                       |                                   |                                     |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA294738</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|

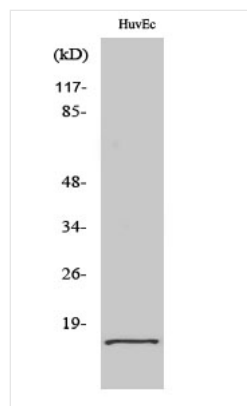
### PRODUCT SYNONYMS

eIF5A2; Polyclonal Antibody; eIF5A2 Polyclonal Antibody; EIF5A2; Eukaryotic translation initiation factor 5A-2; eIF-5A-2; eIF-5A2; Eukaryotic initiation factor 5A isoform 2; anti-eIF5A2 antibody

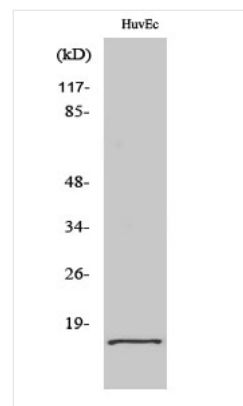
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity                                       | Human, Mouse                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                                                                       |
| Applicable Applications for anti-eIF5A2 antibody | WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                |
| Cellular Location                                | Cytoplasm. Nucleus. Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus, nuclear pore complex. Note=Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions. |
| Tissue Location                                  | Expressed in ovarian and colorectal cancer cell lines (at protein level). Highly expressed in testis. Overexpressed in some cancer cells.                                                                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                                                                                                                                                                                            |

### IMAGES


**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-eIF5A2 antibody | mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. Functions as a regulator of apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation (By similarity). |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| NCBI GI #                        | 9966867                                                                                  |
| NCBI GeneID                      | 56648                                                                                    |
| NCBI Accession #                 | NP_065123.1                                                                              |
| NCBI GenBank Nucleotide #        | NM_020390.5                                                                              |
| UniProt Accession #              | Q9GZV4; B2R4V5                                                                           |
| Molecular Weight                 | 16,793 Da                                                                                |
| NCBI Official Full Name          | eukaryotic translation initiation factor 5A-2                                            |
| NCBI Official Synonym Full Names | eukaryotic translation initiation factor 5A2                                             |
| NCBI Official Symbol             | EIF5A2                                                                                   |
| NCBI Official Synonym Symbols    | EIF-5A2; eIF5AII                                                                         |
| NCBI Protein Information         | eukaryotic translation initiation factor 5A-2; eIF-5A-2; eukaryotic initiation factor 5A |
| UniProt Protein Name             | Eukaryotic translation initiation factor 5A-2                                            |
| UniProt Gene Name                | EIF5A2                                                                                   |
| UniProt Synonym Gene Names       | eIF-5A-2; eIF-5A2                                                                        |
| UniProt Entry Name               | IF5A2_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.