

## Anti-eIF5 antibody

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to eIF5.                                                                                            |
| <b>Model</b>            | STJ92884                                                                                                              |
| <b>Host</b>             | Rabbit                                                                                                                |
| <b>Reactivity</b>       | Human, Mouse, Rat                                                                                                     |
| <b>Applications</b>     | ELISA, IHC                                                                                                            |
| <b>Immunogen</b>        | Synthesized peptide derived from human eIF5.                                                                          |
| <b>Immunogen Region</b> | Internal                                                                                                              |
| <b>Gene ID</b>          | <a href="#">1983</a>                                                                                                  |
| <b>Gene Symbol</b>      | <a href="#">EIF5</a>                                                                                                  |
| <b>Dilution range</b>   | IHC 1:100-1:300ELISA 1:40000                                                                                          |
| <b>Specificity</b>      | eIF5 Polyclonal Antibody detects endogenous levels of eIF5 protein.                                                   |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>     | Eukaryotic translation initiation factor 5 eIF-5                                                                      |
| <b>Molecular Weight</b> | 49.223 kDa                                                                                                            |
| <b>Clonality</b>        | Polyclonal                                                                                                            |
| <b>Conjugation</b>      | Unconjugated                                                                                                          |
| <b>Isotype</b>          | IgG                                                                                                                   |

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| <b>Formulation</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>       | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Instruction</b> | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                          |
| <b>Database Links</b>      | <a href="https://www.ncbi.nlm.nih.gov/condensedbook/condensedbook.cgi?HGNC:3299OMIM:601710">HGNC:3299OMIM:601710</a>                                                                                                                                                                                                                                                          |
| <b>Alternative Names</b>   | Eukaryotic translation initiation factor 5 eIF-5                                                                                                                                                                                                                                                                                                                              |
| <b>Function</b>            | Catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex (40S.mRNA.Met-tRNA[F].eIF-2.GTP) with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. The subsequent joining of a 60S ribosomal subunit results in the formation of a functional 80S initiation complex (80S.mRNA.Met-tRNA[F]). |

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