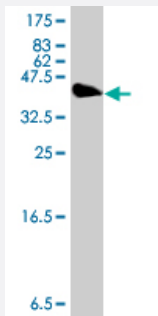


EIF5B polyclonal antibody (A01)

Catalog # H00009669-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant EIF5B.
Immunogen	EIF5B (NP_056988, 1121 a.a. ~ 1218 a.a) partial recombinant protein with GST tag.
Sequence	QGTPMCVPSKNFVDIGVTSIEINHKQVDVAKKGQEVCKIEPIPGESPKMFGRHFEATDILVSKISR QSIDALKDWFRDEMQRSDWQLVELKKVFE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (89)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EIF5B

Entrez GeneID [9669](#)

GeneBank Accession# [NM_015904](#)

Protein Accession# [NP_056988](#)

Gene Name EIF5B

Gene Alias DKFZp434I036, FLJ10524, IF2, KIAA0741

Gene Description eukaryotic translation initiation factor 5B

Omim ID [606086](#)

Gene Ontology [Hyperlink](#)

Gene Summary Accurate initiation of translation in eukaryotes is complex and requires many factors, some of which are composed of multiple subunits. The process is simpler in prokaryotes which have only three initiation factors (IF1, IF2, IF3). Two of these factors are conserved in eukaryotes: the homolog of IF1 is eIF1A and the homolog of IF2 is eIF5B. This gene encodes eIF5B. Factors eIF1A and eIF5B interact on the ribosome along with other initiation factors and GTP to position the initiation methionine tRNA on the start codon of the mRNA so that translation initiates accurately. [provided by RefSeq]

Other Designations translation initiation factor IF2

Publication Reference

- [Cleavage of eukaryotic initiation factor eIF5B by enterovirus 3C proteases.](#)

de Breyne S, Bonderoff JM, Chumakov KM, Lloyd RE, Hellen CU.

Virology 2008 Jun; 378(1):118.

Application: WB, Human, HEK 293T cells