

Rabbit EIF5B Polyclonal Antibody | anti-EIF5B antibody

EIF5B Polyclonal Antibody

CATALOG # AAA177263	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

EIF5B; Polyclonal Antibody; EIF5B Polyclonal Antibody; IF2; anti-EIF5B antibody

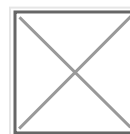
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-EIF5B antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human EIF5B (NP_0569883)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

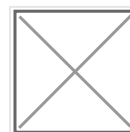
Immunofluorescence analysis of U-2 OS cells using EIF5B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using EIF5B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.


IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using EIF5B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines using EIF5B Polyclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF5B antibody	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.
Product Categories/Family for anti-EIF5B antibody	Epigenetics and Nuclear Signaling ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	84043963
NCBI GeneID	9669
NCBI Accession #	NP_056988.3
NCBI GenBank Nucleotide #	NM_015904.3
UniProt Accession #	O60841 ; O95805 ; Q53RV7 ; Q53SI8 ; Q9UF81 ; Q9UMN7
Molecular Weight	138,827 Da
NCBI Official Full Name	eukaryotic translation initiation factor 5B
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 5B
NCBI Official Symbol	EIF5B
NCBI Official Synonym Symbols	IF2
NCBI Protein Information	eukaryotic translation initiation factor 5B; eIF-5B; translation initiation factor IF2; translation initiation factor IF-2
UniProt Protein Name	Eukaryotic translation initiation factor 5B
UniProt Gene Name	EIF5B
UniProt Synonym Gene Names	IF2; KIAA0741; eIF-5B
UniProt Entry Name	IF2P_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif5b-antibody-immunofluorescence-western-blot-elisa/177263>