

EIF5B Polyclonal Antibody

Catalog No. E-AB-66431

Note: Centrifuge before opening to ensure complete recovery of vial contents.

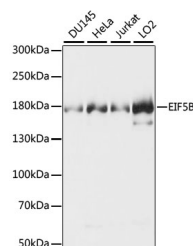
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human EIF5B (NP_056988.3).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

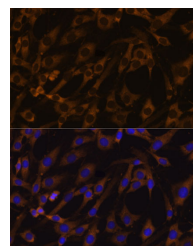
WB	1:500-1:2000
IF	1:50-1:200

Data

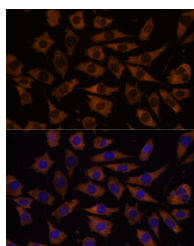


Western blot analysis of extracts of various cell lines using EIF5B Polyclonal Antibody.

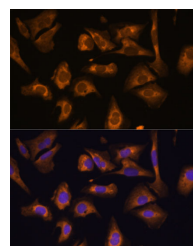
Observed Mw:179kDa
Calculated Mw:138kDa



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



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

Background

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.

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