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anti-EIF5B antibody





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Quantity:	200 μL
Target:	EIF5B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

lmmunogen:	Recombinant fusion protein of human EIF5B (NP_056988.3).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	EIF5B
Alternative Name:	EIF5B (EIF5B Products)
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

Target Details

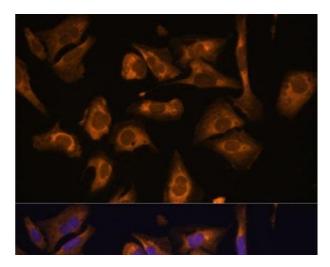
	elF1A and elF5B interact on the ribosome along with other initiation factors and GTP to position the initiation methionine tRNA on the start codon of the mRNA so that translation initiates accurately.
Molecular Weight:	Observed_MW: 179 kDa Calculated_MW: 138 kDa
Gene ID:	9669
UniProt:	060841

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only

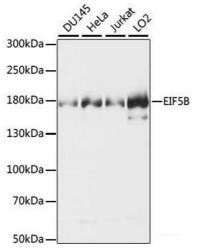
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



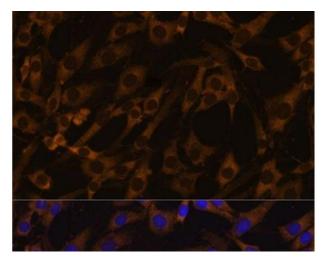
Immunofluorescence

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



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using EIF5B Polyclonal Antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using EIF5B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7258398.