

EIF5B Rabbit Polyclonal Antibody



CAB5888

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

138kDa

Applications:

IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

IF 1:10 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

9669

Uniprot

O60841

Synonyms:

EIF5B; IF2

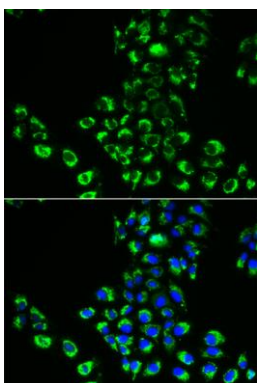
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 901-1220 of human EIF5B (NP_056988.3).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of A549 cells using EIF5B antibody (CAB5888). Blue: DAPI for nuclear staining.