

EIF5A Polyclonal Antibody

Catalog number: 11309-1-AP

Size: 63 µg/150 µl

Source: Rabbit

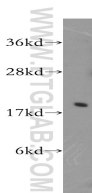
Isotype: IgG

Synonyms:

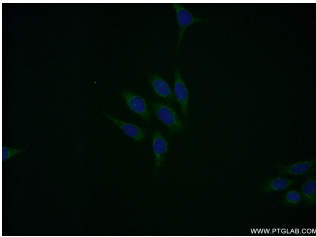
EIF5A; eIF 4D, EIF 5A, eIF 5A 1,

eIF 5A1, EIF5A, EIF5A1, eIF5A1,

Rev binding factor



HeLa cells were subjected to SDS PAGE followed by western blot with 11309-1-AP(EIF5A antibody) at dilution of 1:400



Immunofluorescent analysis of HeLa cells using 11309-1-AP(EIF5A Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

Translation of messenger RNA (mRNA) to protein in eukaryotes is a crucial process in protein biosynthesis, in which initiation of translation involves interaction of different eukaryotic translation initiation factors (eIFs), ribosome subunits and mRNAs. Eukaryotic translation initiation factor 5A (EIF5A) is one of the eIFs involved in translation initiation. EIF5A has an essential role in cell viability and the only protein known to contain the amino acid residue hypusine, formed by post-translational modification of a specific lysine residue. Firstly identified as a translation initiation factor, it also has a function in the elongation step of translation.

Applications

Tested applications:	ELISA, WB, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated EIF5A MW:	18 kDa
Observed EIF5A MW:	18 kDa
Positive WB detected in:	HeLa cells
Positive IF detected in:	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1849
GenBank accession number:	BC001832
Gene ID (NCBI):	1984
Full name:	Eukaryotic translation initiation factor 5A

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.