

eIF5A Rabbit mAb [u64o]

Cat NO. :A65392

Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB IHC ICC/IF IP FC	Human,Mouse,R at	P63241	18kDa	Rabbit	IgG	50ul,100ul,200ul

Applications detail:

Application	Dilution
WB	1:1000-2000
IHC	1:100
ICC/IF	1:100
The optimal dilutions should be determined by the end user	

Conjugate:

UnConjugate

Form:

Liquid

sensitivity:

Endogenous

Purification:

Affinity-chromatography

Specificity:

Antibody is produced by immunizing animals with A synthesized peptide derived from human eIF5A

Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity:

Expressed in umbilical vein endothelial cells and several cancer cell lines (at protein level)..

Subcellular location:

Cytoplasm. Nucleus. Endoplasmic reticulum membrane,Peripheral membrane protein,Cytoplasmic side.

Function:

Introduction: **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/ Immunofluorescence **F:** Flow Cytometry

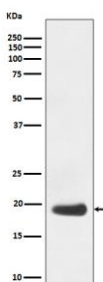
Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vr:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine
Dg: dog **Pg:** pig **Hr:** horse

For Research Use Only. Not For Use In Diagnostic Procedures.

mRNA-binding protein involved in translation elongation (PubMed:16987817, PubMed:17187778, PubMed:33547280). Has an important function at the level of mRNA turnover, probably acting downstream of decapping (PubMed:16987817, PubMed:17187778, PubMed:33547280). Critical for the efficient synthesis of peptide bonds between consecutive proline residues (PubMed:16987817, PubMed:17187778, PubMed:33547280). Can resolve ribosomal stalling caused by consecutive prolines during translation (PubMed:16987817, PubMed:17187778, PubMed:33547280). Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity (PubMed:16987817, PubMed:17187778, PubMed:33547280). With syntenin SDCBP, functions as a regulator of p53/TP53 and p53/TP53-dependent apoptosis (PubMed:15371445). Regulates also TNF-alpha-mediated apoptosis (PubMed:15452064). Mediates effects of polyamines on neuronal process extension and survival (PubMed:17360499). May play an important role in brain development and function, and in skeletal muscle stem cell differentiation (By similarity). Also described as a cellular cofactor of human T-cell leukemia virus type I (HTLV-1) Rex protein and of human immunodeficiency virus type 1 (HIV-1) Rev protein, essential for mRNA export of retroviral transcripts (PubMed:8253832)..

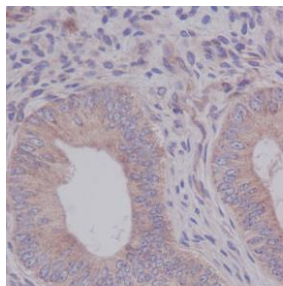
Validation Data:

eIF5A Rabbit mAb [u64o] Images

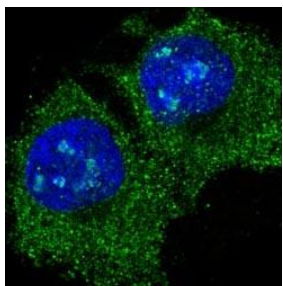


Western blot (SDS PAGE) analysis of extracts from Jurkat cell lysate.Using eIF5A Rabbit mAb [u64o]at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>



Immunohistochemical analysis of paraffin-embedded human uterus cancer, .Using eIF5A Rabbit mAb [u64o] at dilution of 1:100 incubated at 4°C over night.Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunofluorescent analysis of HeLa cells,Using eIF5A Rabbit mAb [u64o] at dilution of 1:100 incubated at 4°C over night.

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.