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Datasheet for ABIN3015836
anti-EIF5A antibody (AA 1-154)

7 Images

Overview

Quantity:	100 µL
Target:	EIF5A
Binding Specificity:	AA 1-154
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-154 of human eIF5A (NP_001137234.1).
Sequence:	MADDLDFETG DAGASATFPM QCSALRKNGF VVLKGRPCKI VEMSTSKTGK HGHAKVHLVG IDIFTGKKYE DPCPSTHNDM VPNIKRND FQ LIGIQDGYLS LLQDSGEVRE DLRLPEGDLG KEIEQKYDCG EEILITVLSA MTEEA AVAIK AMAK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

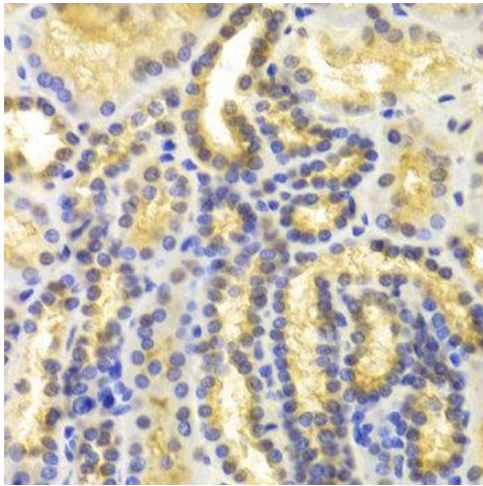
Target:	EIF5A
Alternative Name:	EIF5A (EIF5A Products)
Background:	MRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. With syntenin SDCBP, functions as a regulator of p53/TP53 and p53/TP53-dependent apoptosis. Regulates also TNF-alpha-mediated apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation. 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.,EIF5A,EIF-5A,EIF5A1,eIF5AI,Epigenetics & Nuclear Signaling,Translation Control,Regulation of eIF2,Cell Biology & Developmental Biology,Apoptosis,EIF5A
Molecular Weight:	16 kDa/20 kDa
Gene ID:	1984
UniProt:	P63241
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

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

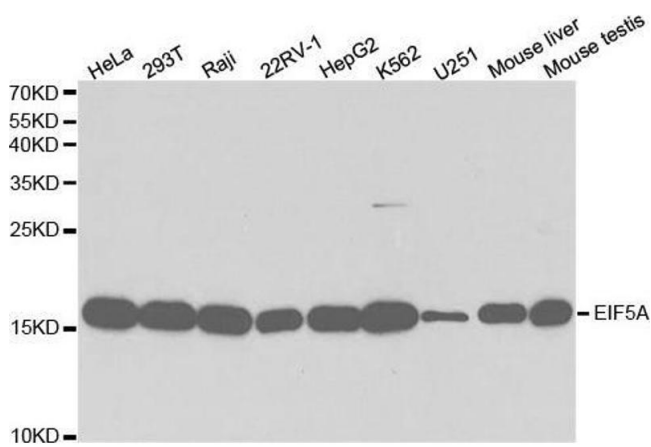
Handling

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.



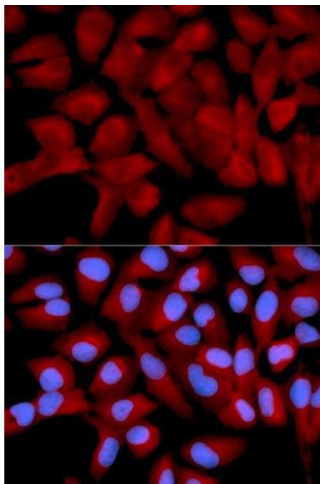
Immunohistochemistry

Image 1.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using EIF5A antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of U2OS cell using EIF5A antibody. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3015836.