Datasheet for ABIN7101685

anti-EIF5A antibody

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Overview

Quantity:	20 µL
Target:	EIF5A
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This EIF5A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human eIF5A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal 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

Target Details

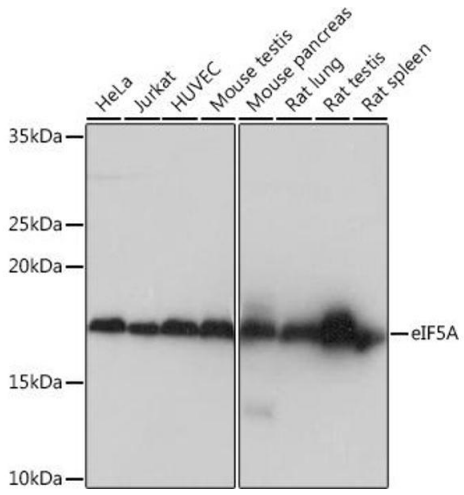
	cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. With syntenin SDCBP, functions as a regulator of p53/TP53 and p53/TP53-dependent apoptosis. Regulates also TNF-alpha-mediated apoptosis. Mediates effects of polyamines on neuronal 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.,EIF-5A, EIF5A1, eIF5AI,Apoptosis,Cell Biology & Developmental Biology,Epigenetics & Nuclear Signaling,Translation Control,Translational Control_Regulation of eIF2,EIF5A
Molecular Weight:	18 kDa
Gene ID:	1984
UniProt:	P63241
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using eIF5A Rabbit mAb (ABIN1682900, ABIN7101685, ABIN7101686 and ABIN7101687) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

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