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Datasheet for ABIN6943242

anti-EIF5A antibody



Overview

Quantity:	100 μL
Target:	EIF5A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This EIF5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant protein within Human eIF5A between 50-150 amino acids
Clone:	3A6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.
Target Details	
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Target:	EIF5A
Alternative Name:	eIF5A (EIF5A Products)

Target Details

Background:	Synonyms: Eukaryotic translation initiation factor 5A-1, Eukaryotic initiation factor 5A isoform 1,
	Rev-binding factor, eIF-4D, eIF-5A-1, eIF-5A1, eIF-5A, EIF5A
	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.
Gene ID:	1984
UniProt:	P63241
Pathways:	Regulation of Muscle Cell Differentiation
Application Details	
Application Notes:	WB 1:300-5000
	FCM 1:20-100
	IHC-P 1:200-400
	IF(ICC) 1:50-200
	IHC()
Restrictions:	For Research Use only
Handling	
Handling Format:	Liquid
Format:	Liquid 1 μg/μL
Format: Concentration:	1 μg/μL
Format: Concentration:	1 μg/μL Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 %
Format: Concentration: Buffer:	1 μg/μL Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months