

Datasheet for ABIN5516707 **anti-EIF5A antibody (N-Term)**



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Overview

Quantity:	100 µL
Target:	EIF5A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Sheep, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF5A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human EIF5A
Sequence:	LKGRPCKIVE MSTSKTGKHG HAKVHLVGID IFTGKKYEDI CPSTHNMDVP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against EIF5A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EIF5A
Alternative Name:	EIF5A (EIF5A Products)

Target Details

Background:	EIF5A is a mRNA-binding protein involved in translation elongation. It has an important function at the level of mRNA turnover, probably acting downstream of decapping. It is 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, EIF5A functions as a regulator of p53/TP53 and p53/TP53-dependent apoptosis. EIF5A regulates also TNF-alpha-mediated apoptosis and mediates effects of polyamines on neuronal process extension and survival. It may play an important role in brain development and function, and in skeletal muscle stem cell differentiation. EIF5A is 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. Protein Interaction Partner: HUWE1, UBC, REL, MEOX2, DHPS, CRX, DCP2, STUB1, BCCIP, WDR1, GDA, TYMS, PEPD, MVD, HSPD1, GNS, GLS, UBD, NPM1, IQCB1, ATF2, VCP, MACF1, DDX17, VAPA, XPO1, ATP5B, XPO4, CUL2, COPS5, TCF3, ELAVL1, SUMO2, VHL, Pds5a, Csnk1e, DOHH, XRN2, RPL5, TGM2, Protein Size: 184
Gene ID:	1984
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.