

Rabbit anti-Human EIF5AL1 Polyclonal Antibody | anti-EIF5AL1 antibody

EIF5AL1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289504	Rabbit	Human	Immunofluorescence, Western Blot, Immunohistochemistry, ELISA

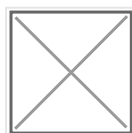
PRODUCT SYNONYMS

EIF5AL1; Polyclonal Antibody; EIF5AL1 Antibody (C-term); Eukaryotic translation initiation factor 5A-1-like; eIF-5A-1-like; eIF-5A1-like; Eukaryotic initiation factor 5A isoform 1-like; anti-EIF5AL1 antibody

PRODUCT SPECIFICATIONS

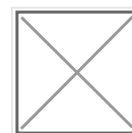
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This EIF5AL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 94-122 amino acids from the C-terminal region of human EIF5AL1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	94-122
Sequence Length	154
Applicable Applications for anti-EIF5AL1 antibody	IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Function	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. Functions as a regulator of 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 (By similarity).
Cellular Location	Cytoplasm. Nucleus. Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus, nuclear pore complex. Note=Hypusine modification promotes the nuclear export and cytoplasmic localization and there was a dynamic shift in the localization from predominantly cytoplasmic to primarily nuclear under apoptotic inducing conditions.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of EIF5AL1 Antibody (C-term) with A2058 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)

EIF5AL1 Antibody (C-term) western blot analysis in Ramos, A2058 cell line lysates (35ug/lane). This demonstrates the EIF5AL1 antibody detected the EIF5AL1 protein (arrow).



IHC (Immunohistochemistry)

EIF5AL1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of EIF5AL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF5AL1 antibody	EIF5AL1 is a 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. Functions as a regulator of 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 (By similarity).
References	Kim, S.C., et al. Mol. Cell 23(4):607-618(2006) Clement, P.M., et al. FEBS J. 273(6):1102-1114(2006) Facchiano, A.M., et al. Protein Eng. 14(11):881-890(2001) Lipowsky, G., et al. EMBO J. 19(16):4362-4371(2000) Koettwitz, K., et al. Gene 159(2):283-284(1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791632
NCBI GeneID	143244
NCBI Accession #	NP_001093162.1
NCBI GenBank Nucleotide #	NM_001099692.1
UniProt Accession #	Q6IS14
Molecular Weight	16773
NCBI Official Full Name	eukaryotic translation initiation factor 5A-1-like
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 5A-like 1
NCBI Official Symbol	EIF5AL1
NCBI Official Synonym Symbols	EIF5AP1; bA342M3.3
NCBI Protein Information	eukaryotic translation initiation factor 5A-1-like
UniProt Protein Name	Eukaryotic translation initiation factor 5A-1-like
UniProt Gene Name	EIF5AL1
UniProt Synonym Gene Names	eIF-5A-1-like; eIF-5A1-like
UniProt Entry Name	IF5AL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif5a1-antibody-immunofluorescence-western-blot-immunohistochemistry-elisa/289504>