

Product datasheet for **TA332499**

EIF5A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50 - 1:200
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human EIF5A
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	154
Gene Name:	eukaryotic translation initiation factor 5A
Database Link:	NP_001961 Entrez Gene 276770 Mouse Entrez Gene 1984 Human P63241



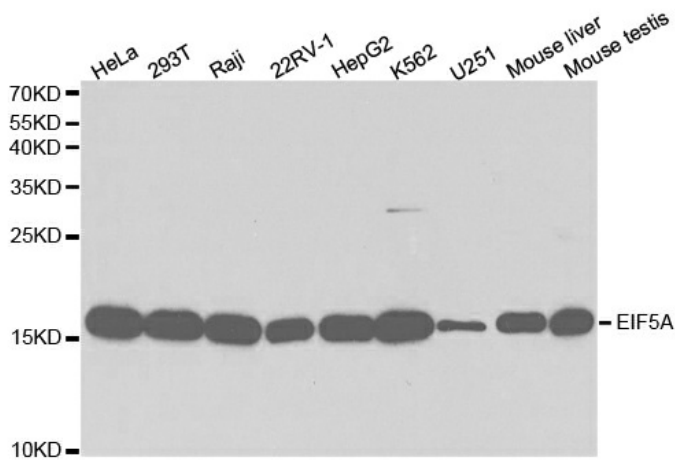
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Background:

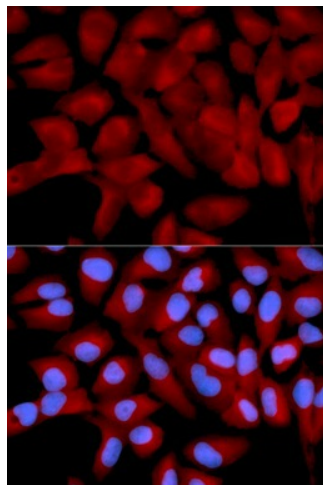
mRNA-binding protein involved in translation elongation. Has an important function at the level of Mrna turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall 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.

Synonyms:

EIF-5A; EIF5A1; eIF5A1

Product images:


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



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