

## EIF5A

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**16kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human EIF5A

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

1mg/ml

**Synonym:**

EIF-5A; EIF5A1; eIF5A1;

**Catalog #:**A2016

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1984

**Isotype:**IgG

**Swiss Prot:**P63241

**Purity:**Affinity purification

For research use only.

**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.

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