

## Product datasheet for **TA344786**

### EIF5A2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EIF5A2 antibody: synthetic peptide directed towards the N terminal of human EIF5A2. Synthetic peptide located within the following region: MADEIDFTTG DAGASSTYPMQCSALRKNQFVVLKGRPCKIVEMSTSKTGK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	eukaryotic translation initiation factor 5A2
Database Link:	<a href="#">NP_065123</a> <a href="#">Entrez Gene 56648 Human</a> <a href="#">Q9GZV4</a>



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**Background:**

EIF5A2 is a mRNA-binding protein involved in translation elongation. EIF5A2 has an important function at the level of mRNA turnover, probably acting downstream of decapping. EIF5A2 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. EIF5A2 functions as a regulator of apoptosis. EIF5A2 mediates effects of polyamines on neuronal process extension and survival. EIF5A2 may play an important role in brain development and function, and in skeletal muscle stem cell differentiation.

**Synonyms:**

EIF-5A2; eIF5AII

**Note:**

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%

**Product images:**

WB Suggested Anti-EIF5A2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Human Liver