

Product datasheet for **TA345988**

EIF2D 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-LGTN antibody: synthetic peptide directed towards the middle region of human LGTN. Synthetic peptide located within the following region: KVTVVRNLEAYGLDPYSVAAILQQRQCSTTVNPAPGAKDSLQVQIQGNQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	eukaryotic translation initiation factor 2D
Database Link:	NP_008824 Entrez Gene 1939 Human P41214



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Background:

LGTN is a protein receptor that localizes phosphoglycoproteins within endosomes and at the cell periphery. This trafficking receptor for phosphoglycoproteins may play a role in neuroplasticity by modulating cell-cell interactions, intracellular adhesion, and protein binding at membrane surfaces. In hippocampal neurons, long-lasting down-regulation of ligatin mRNA levels occurs via post-transcriptional RNA processing following glutamate receptor activation. This protein contains single PUA and SUI1 domains and these domains may function in RNA binding and translation initiation, respectively. This gene encodes a protein receptor that localizes phosphoglycoproteins within endosomes and at the cell periphery. This trafficking receptor for phosphoglycoproteins may play a role in neuroplasticity by modulating cell-cell interactions, intracellular adhesion, and protein binding at membrane surfaces. In hippocampal neurons, long-lasting down-regulation of ligatin mRNA levels occurs via post-transcriptional RNA processing following glutamate receptor activation. This protein contains single PUA and SUI1 domains and these domains may function in RNA binding and translation initiation, respectively.

Synonyms:

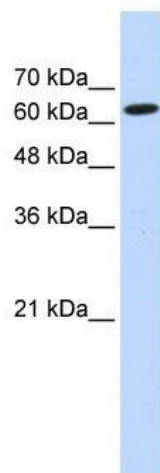
HCA56; LGTN

Note:

Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Horse: 93%; Rabbit: 93%; Rat: 86%; Mouse: 86%; Guinea pig: 79%

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-LGTN Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Transfected 293T