

Product datasheet for **TA345902**

EIF4G1 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-EIF4G1 antibody: synthetic peptide directed towards the middle region of human EIF4G1. Synthetic peptide located within the following region: PAVPEVENQPPAGSNPGPESEGSVPPRPEEADETWDSKEDIHNAENIQ
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:	175 kDa
Gene Name:	eukaryotic translation initiation factor 4 gamma 1
Database Link:	NP_886553 Entrez Gene 1981 Human Q04637



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- Background:** EIF4G1 is a component of the protein complex EIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure, and recruitment of mRNA to the ribosome. The protein encoded by this gene is a component of the protein complex EIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure, and recruitment of mRNA to the ribosome. Alternative splicing results in five transcript variants encoding four distinct isoforms.
- Synonyms:** EIF-4G1; EIF4F; EIF4G; EIF4GI; P220; PARK18
- Note:** Immunogen Sequence Homology: Human: 100%; Pig: 86%; Rat: 86%; Mouse: 86%; Rabbit: 86%; Guinea pig: 86%; Horse: 79%; Bovine: 79%
- Protein Pathways:** Viral myocarditis

Product images:

WB Suggested Anti-EIF4G1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive
Control: HepG2 cell lysate EIF4G1 is supported by
BioGPS gene expression data to be expressed in
HepG2