

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:

PAVPEVENQPPAGSNPGPESEGSGVPPRPEEADETWDSKEDKIHNAENIQ

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

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.

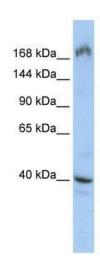
Synonyms: EIF-4G1; EIF4F; EIF4G; EIF4G1; P220; PARK18

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 lysateEIF4G1 is supported by BioGPS gene expression data to be expressed in HepG2