

# EIF4G3 Rabbit pAb

Catalog No.: A14621

## Basic Information

### Observed MW

250kDa

### Calculated MW

177kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

The protein encoded by this gene is thought to be part of the eIF4F protein complex, which is involved in mRNA cap recognition and transport of mRNAs to the ribosome. Interestingly, a microRNA (miR-520c-3p) has been found that negatively regulates synthesis of the encoded protein, and this leads to a global decrease in protein translation and cell proliferation. Therefore, this protein is a key component of the anti-tumor activity of miR-520c-3p.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

8672

### Swiss Prot

O43432

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1000-1200 of human EIF4G3 (NP\_003751.2).

### Synonyms

eIF4G 3; eIF4GII; eIF-4G 3; EIF4G3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

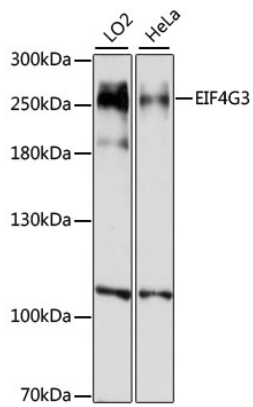
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using EIF4G3 Rabbit pAb (A14621) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.