

## EIF4G3 Conjugated Antibody

Catalog No: #C28650



Package Size: #C28650-AF350 100ul #C28650-AF405 100ul #C28650-AF488 100ul  
 #C28650-AF555 100ul #C28650-AF594 100ul #C28650-AF647 100ul  
 #C28650-AF680 100ul #C28650-AF750 100ul #C28650-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | EIF4G3 Conjugated Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification  |
| Applications          | most applications  |
| Species Reactivity    | Hu,Ms  |
| Immunogen Description | Recombinant fusion protein of human EIF4G3 (NP_003751.2).  |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | EIF4G3; eIF-4G 3; eIF4G 3; eIF4GII; eIF-4G3; eIF4G3; eukaryotic translation initiation factor 4 gamma 3  |
| Accession No.         | Swiss-Prot#:O43432NCBI Gene ID:8672  |
| Uniprot               | O43432   |
| GeneID                | 8672;  |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 250kDa   |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide  |
| Storage               | Store at 4°C in dark for 6 months  |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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.

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Note: This product is for in vitro research use only