

## eIF4G Antibody | anti-eIF4G antibody

eIF4G (Ab-1108) Antibody

| CATALOG # | REACTIVITY                                                                                                                              | APPLICATIONS                                    |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| AAA111846 | Human (Identities = 100%, Positives = 100%)<br>Mouse (Identities = 100%, Positives = 100%)<br>Rat (Identities = 100%, Positives = 100%) | ELISA, Immunofluorescence, Immunohistochemistry |

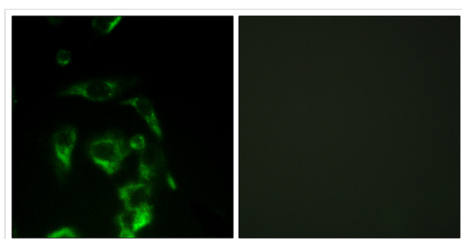
### PRODUCT SYNONYMS

eIF4G; eIF4G (Ab-1108) Antibody; EIF4G1; EIF4GI; Eukaryotic translation initiation factor 4GI; IF4G1; eIF-4-gamma 1; eIF-4G; eIF-4G1; eukaryotic translation initiation factor 4 gamma 1; p220; anti-eIF4G antibody

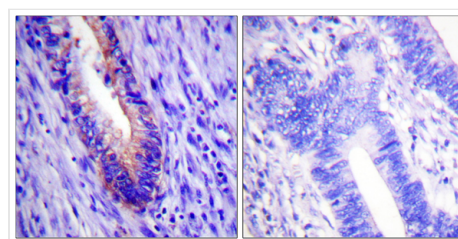
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human (Identities = 100%, Positives = 100%)<br>Mouse (Identities = 100%, Positives = 100%)<br>Rat (Identities = 100%, Positives = 100%) |
| Specificity                                     | eIF4G antibody detects endogenous levels of total eIF4G protein.                                                                        |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                    |
| Form/Format                                     | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                          |
| Sequence Length                                 | 1404                                                                                                                                    |
| Applicable Applications for anti-eIF4G antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                              |
| Immunogen                                       | The antiserum was produced against synthesized peptide derived from Internal of human eIF4G.                                            |
| Preparation and Storage                         | Store at -20°C for 1 year.                                                                                                              |

### IMAGES


**IHC (Immunohistochemistry)**

Peptide - and +Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Eif4g antibody. Immunofluorescence analysis of HeLa cells, using Eif4g antibody.


**Application Data**

Peptide - and +

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-eIF4G antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                        | Daniel R. Gallie. J. Biol. Chem., Sep 2001; 276: 36951-36960. Xiaohong Zhao. J. Biol. Chem., Feb 2003; 278: 4449-4457. Jun Ling. Mol. Cell. Biol., Nov 2002; 22: 7853-7867.                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 302699239                                                                              |
| NCBI GeneID                      | 1981                                                                                   |
| NCBI Accession #                 | NP_004944.3                                                                            |
| NCBI GenBank Nucleotide #        | NM_004953.4                                                                            |
| UniProt Accession #              | Q04637; O43177; O95066; Q5HYG0; Q6ZN21; Q8N102; D3DNT2; D3DNT4; D3DNT5; E9PFM1; G5E9S1 |
| NCBI Official Full Name          | eukaryotic translation initiation factor 4 gamma 1 isoform 4                           |
| NCBI Official Synonym Full Names | eukaryotic translation initiation factor 4 gamma 1                                     |
| NCBI Official Symbol             | EIF4G1                                                                                 |
| NCBI Official Synonym Symbols    | P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1                                            |
| NCBI Protein Information         | eukaryotic translation initiation factor 4 gamma 1                                     |
| UniProt Protein Name             | Eukaryotic translation initiation factor 4 gamma 1                                     |
| UniProt Gene Name                | <b>EIF4G1</b>                                                                          |
| UniProt Synonym Gene Names       | EIF4F; EIF4G; EIF4GI; eIF-4-gamma 1; eIF-4G 1; eIF-4G1                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/eif4g/111846>