

## anti-Human eIF4G Antibody | anti-eIF4G antibody

eIF4G (phospho-Ser1232) Antibody

|                               |                            |                                                           |
|-------------------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA111082</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

eIF4G; eIF4G (phospho-Ser1232) Antibody; anti-eIF4G antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human                                                                                                                                                                                                                                               |
| Specificity                                     | eIF4G (phospho-Ser1232) Antibody detects endogenous levels of eIF4G only when phosphorylated at serine 1232.                                                                                                                                        |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 393                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-eIF4G antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                       |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human eIF4G around the phosphorylation site of serine 1232 (P-V-SP-P-L).                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### ADDITIONAL INFORMATION

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|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                        | De Gregorio, E. et al. (1998) RNA 4, 828-836. Ohlmann, T. et al. (1996) EMBO J. 15, 1371-1382. Borman, A.M. and Kean, K.M. (1997) Virology 237, 129-136. Gradi, A. et al. (1998) Mol Cell Biol 18, 334-42.        |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">120407068</a>                                                                                                                                                                                                                                                                                 |
| NCBI GeneID                      | <a href="#">7157</a>                                                                                                                                                                                                                                                                                      |
| NCBI Accession #                 | <a href="#">NP_000537.3</a>                                                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000546.5</a>                                                                                                                                                                                                                                                                               |
| UniProt Accession #              | <a href="#">P04637</a> ; <a href="#">Q15086</a> ; <a href="#">Q15087</a> ; <a href="#">Q15088</a> ; <a href="#">Q16535</a> ; <a href="#">Q16807</a> ; <a href="#">Q16808</a> ; <a href="#">Q16809</a> ; <a href="#">Q16810</a> ; <a href="#">Q16811</a> ; <a href="#">Q16848</a> ; <a href="#">Q2XN98</a> |
| Molecular Weight                 | 24,401 Da                                                                                                                                                                                                                                                                                                 |
| NCBI Official Full Name          | cellular tumor antigen p53 isoform a                                                                                                                                                                                                                                                                      |
| NCBI Official Synonym Full Names | tumor protein p53                                                                                                                                                                                                                                                                                         |
| NCBI Official Symbol             | TP53                                                                                                                                                                                                                                                                                                      |

|                               |                            |
|-------------------------------|----------------------------|
| NCBI Official Synonym Symbols | P53; BCC7; LFS1; TRP53     |
| NCBI Protein Information      | cellular tumor antigen p53 |
| UniProt Protein Name          | Cellular tumor antigen p53 |
| UniProt Gene Name             | <b>TP53</b>                |
| UniProt Synonym Gene Names    | P53                        |

**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-antibody/eif4g/111082>