

Rabbit EIF4G2 Polyclonal Antibody | anti-EIF4G2 antibody

Anti-EIF4G2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104625	Rabbit	Human, Mouse, Rat, Bovine, Monkey, Rabbit	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EIF4G2; Polyclonal Antibody; Anti-EIF4G2 Antibody; DAP5; Eukaryotic translation initiation factor 4 gamma 2; eIF-4-gamma 2; eIF-4G 2; eIF4G 2; Death-associated protein 5; DAP-5; p97; anti-EIF4G2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of EIF4G2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	869
Applicable Applications for anti-EIF4G2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human EIF4G2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



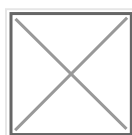
IF (Immunofluorescence)

Immunofluorescent analysis of EIF4G2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of EIF4G2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of EIF4G2 expression in MCF7 (A), HeLa (B), K562 (C), Jurkat (D), HepG2 (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4G2 antibody	Rabbit polyclonal antibody to EIF4G2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289577114
NCBI GeneID	1982
NCBI Accession #	NP_001036024.3
NCBI GenBank Nucleotide #	NM_001042559.2
UniProt Accession #	P78344; O60877; P78404; Q0VH00; Q0VH01; Q2NKW9; Q49A79; Q53EU1; Q58EZ2; Q8NI71; Q96C16
Molecular Weight	98,150 Da
NCBI Official Full Name	eukaryotic translation initiation factor 4 gamma 2 isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4 gamma, 2
NCBI Official Symbol	EIF4G2
NCBI Official Synonym Symbols	P97; AAG1; DAP5; NAT1
NCBI Protein Information	eukaryotic translation initiation factor 4 gamma 2; DAP-5; EIF4G2; eIF4G 2; eIF-4G 2; eIF-4-gamma 2; aging-associated protein 1; death-associated protein 5; eukaryotic translation initiation factor 4G-like 1
UniProt Protein Name	Eukaryotic translation initiation factor 4 gamma 2
UniProt Gene Name	EIF4G2
UniProt Synonym Gene Names	eIF-4-gamma 2; eIF-4G 2; eIF4G 2; DAP-5
UniProt Entry Name	IF4G2_HUMAN

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/polyclonal/eif4g2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104625>