

Rabbit anti-Human, Mouse EIF4G2 Polyclonal Antibody | anti-EIF4G2 antibody

EIF4G2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307844	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

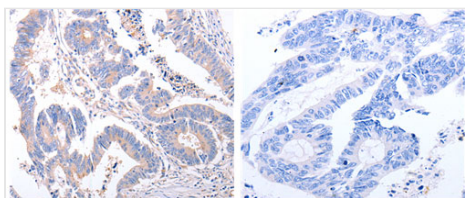
PRODUCT SYNONYMS

EIF4G2; Polyclonal Antibody; EIF4G2 Antibody; Eukaryotic translation initiation factor 4 gamma 2; P97; AAG1; DAP5; NAT1; anti-EIF4G2 antibody

PRODUCT SPECIFICATIONS

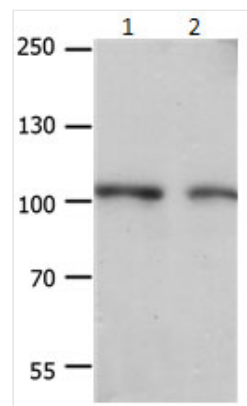
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total EIF4G2 protein.
Form/Format	Supplied at 0.8mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	907
Applicable Applications for anti-EIF4G2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 796-812 amino acids of Human Eukaryotic translation initiation factor 4 gamma 2
Target Name	EIF4G2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 31184 (EIF4G2 Antibody) at dilution 1/25, on the right is treated with the synthetic peptide.



Application Data

Gel: 8%SDS-PAGE
Lane1: Hela cell lysate
Lane2: A549 cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/400 dilution
Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilution
Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4G2 antibody	Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with the C-terminal region of eIF4G that contains the binding sites for eIF4A and eIF3; eIF4G, in addition, contains a binding site for eIF4E at the N-terminus. Unlike eIF4G, which supports cap-dependent and independent translation, this gene product functions as a general repressor of translation by forming translationally inactive complexes. In vitro and in vivo studies indicate that translation of this mRNA initiates exclusively at a non-AUG (GUG) codon. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.
Product Categories/Family for anti-EIF4G2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	289577080
NCBI GeneID	1982
NCBI Accession #	NP_001409
NCBI GenBank Nucleotide #	NM_001418.3
Molecular Weight	98,150 Da
NCBI Official Full Name	eukaryotic translation initiation factor 4 gamma 2 isoform 1
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
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-immunohistochemistry-western-blot-elisa/307844>