

Rabbit EIF4G2 Antibody | anti-EIF4G2 antibody

EIF4G2 Antibody

CATALOG # AAA267134	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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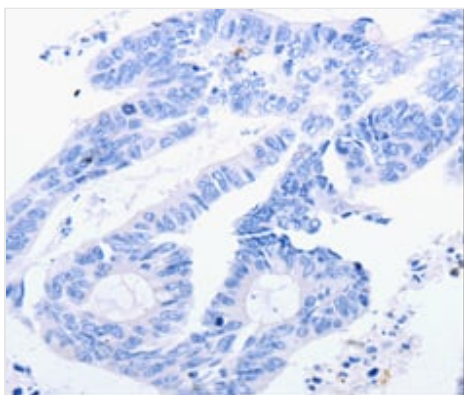
PRODUCT SYNONYMS

EIF4G2; EIF4G2 Antibody; P97; AAG1; DAP5; NAT1; anti-EIF4G2 antibody

PRODUCT SPECIFICATIONS

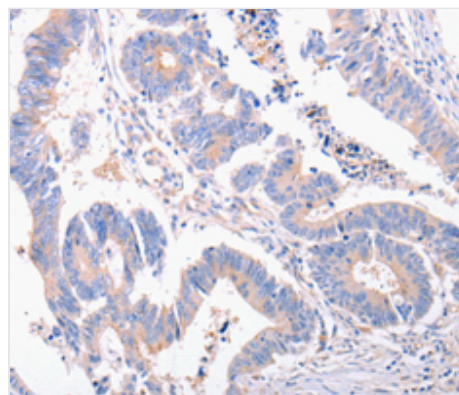
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	869
Applicable Applications for anti-EIF4G2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human EIF4G2
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C or -80 degree C. Avoid freeze/thaw cycles.

IMAGES



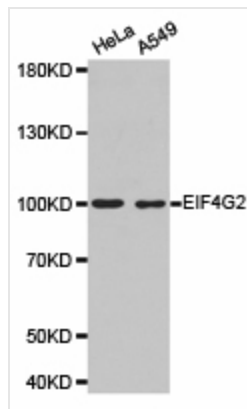
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer tissue using EIF4G2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EIF4G2 antibody.



Application Data

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	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

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; Q2NKG9; Q49A79; Q53EU1; Q58EZ2; Q8NI71; Q96C16
Molecular Weight	102kDa
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
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

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.