

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

EIF4G2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243499	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

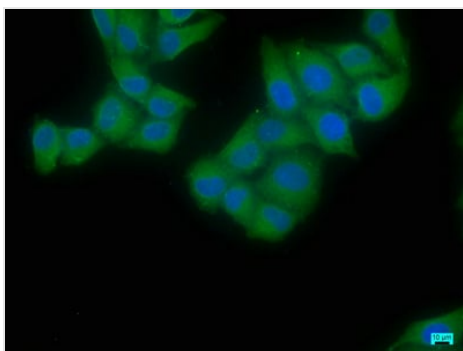
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

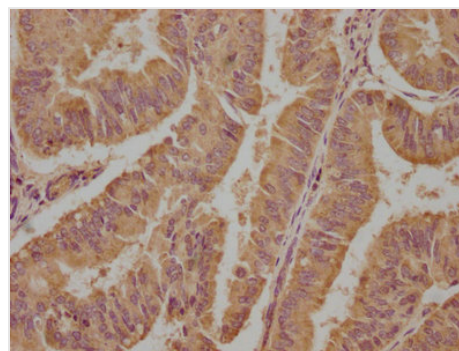
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-EIF4G2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Eukaryotic translation initiation factor 4 gamma 2 protein (706-907AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



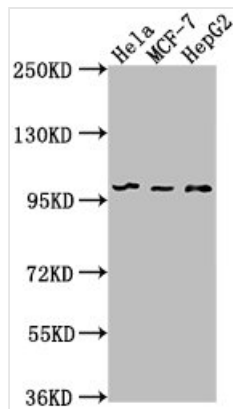
IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA243499 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA243499 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysateAll lanes: EIF4G2 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 103, 99 kDaObserved band size: 99 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-EIF4G2 antibody	Cell Biology
--	--------------

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	102,362 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; 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	DAP5; 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.