Rabbit anti-Human eIF4G1/eIF4GI Polyclonal Antibody | anti-eIF4G1/eIF4GI antibody

Rabbit anti-eIF4G1/eIF4GI Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211624	**Rabbit**	**Human**	**Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

eIF4G1/eIF4GI; Polyclonal Antibody; Rabbit anti-eIF4G1/eIF4GI Antibody; Affinity Purified; eIF-4-gamma 1; PARK18; P220; eukaryotic translation initiation factor 4 gamma 1; EIF4GI; EIF4-gamma; EIF-4G1; eIF-4G 1; EIF4G; EIF4F; eucaryotic translation initiation factor 4G; Eukaryotic translation initiation factor 4 gamma 1; anti-eIF4G1/eIF4GI antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-eIF4G1/eIF4GI antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human eIF4G1 by western blot. Samples: Whole cell lysate (5, 15 and 50 ug) from HeLa cells. Antibody: Affinity purified rabbit anti-eIF4G1 antibody AAA211624 (lot AAA211624-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

IP (Immunoprecipitation)
Detection of human eIF4G1 by western blotof immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibody: Affinity purified rabbit anti-eIF4G1 antibody AAA211624 (lot AAA211624-1) used for IP at 3 ug/mg lysate. eIF4G1 was also immunoprecipitated by rabbit anti-eIF4G1 antibodies and which recognize downstream epitopes. For blotting immunoprecipitated eIF4G1, AAA211624 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 1 second.

IHC (Immunohistochemistry)
Detection of human eIF4G1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-eIF4G1 (Cat. No. AAA211624 lot 1) used at a dilution of1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-eIF4G1/eIF4GI antibody	Eukaryotic initiation factor 4 gamma 1 (eIF4G1) is one of 2 eIF4G proteins found in human (eIF4G1 and eIF4G3). eIF4G is a subunit of the eIF4F heterotrimeric complex composed of eIF4A, eIF4E, and eIF4G. eIF4F plays a role in recruiting the ribosome to the 5'-end of capped mRNAs during protein synthesis. In the eIF4F complex, eIF4G functions as a scaffold to bridge the cap-binding subunit, eIF4E, with the RNA helicase, eIF4A.
Product Categories/Family for anti-eIF4G1/eIF4GI antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	302699239
NCBI GeneID	1981
NCBI Accession #	NP_004944.3
NCBI GenBank Nucleotide #	NM_004953.3
UniProt Accession #	Q04637; O43177; O95066; Q5HYG0; Q6ZN21; Q8N102; D3DNT2; D3DNT4; D3DNT5; E9PFM1; G5E9S1
Molecular Weight	220
NCBI Official Full Name	eukaryotic translation initiation factor 4 gamma 1 isoform 4
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4 gamma 1
NCBI Official Symbol	EIF4G1
NCBI Official Synonym Symbols	P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1
NCBI Protein Information	eukaryotic translation initiation factor 4 gamma 1
UniProt Protein Name	Eukaryotic translation initiation factor 4 gamma 1
UniProt Gene Name	**EIF4G1**
UniProt Synonym Gene Names	EIF4F; EIF4G; EIF4GI; eIF-4-gamma 1; eIF-4G 1; eIF-4G1
UniProt Entry Name	IF4G1_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/eif4g1-eif4gi-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211624