

Rabbit EIF4G1 Polyclonal Antibody | anti-EIF4G1 antibody

EIF4G1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168780	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

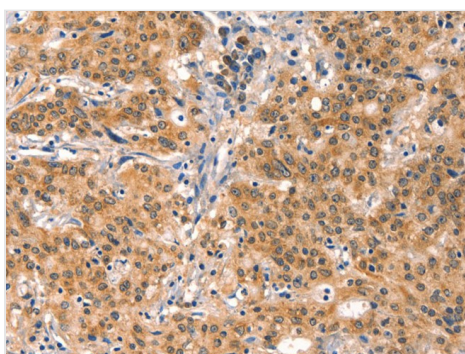
PRODUCT SYNONYMS

EIF4G1; Polyclonal Antibody; EIF4G1 Polyclonal Antibody; P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1; anti-EIF4G1 antibody

PRODUCT SPECIFICATIONS

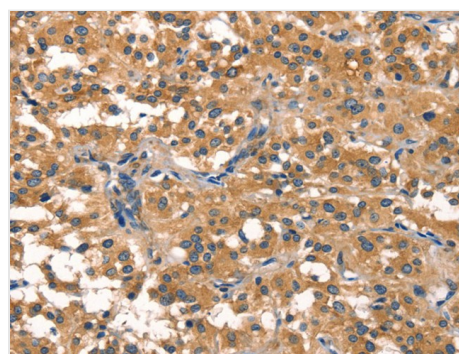
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.8mg/mL (varies by lot)
Sequence Length	1559
Applicable Applications for anti-EIF4G1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human EIF4G1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



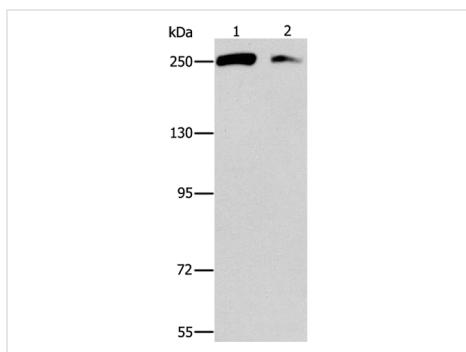
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using EIF4G1 Polyclonal Antibody at dilution of 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using EIF4G1 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Lovo and 293T cell using EIF4G1 Polyclonal Antibody at dilution of 1:450

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4G1 antibody

The protein encoded by this gene is a component of the multi-subunit protein complex EIF4F. This complex facilitates the recruitment of mRNA to the ribosome, which is a rate-limiting step during the initiation phase of protein synthesis. The recognition of the mRNA cap and the ATP-dependent unwinding of 5'-terminal secondary structure is catalyzed by factors in this complex. The subunit encoded by this gene is a large scaffolding protein that contains binding sites for other members of the EIF4F complex. A domain at its N-terminus can also interact with the poly(A)-binding protein, which may mediate the circularization of mRNA during translation. Alternative splicing results in multiple transcript variants, some of which are derived from alternative promoter usage.

NCBI AND UNIPROT INFORMATION

NCBI GI #	599045674
NCBI GeneID	1981
NCBI Accession #	NP_001278086.1
NCBI GenBank Nucleotide #	NM_001291157.1
Molecular Weight	176,237 Da
NCBI Official Full Name	eukaryotic translation initiation factor 4 gamma 1 isoform 7
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; EIF4-gamma; eIF-4-gamma 1; eucaryotic translation initiation factor 4G
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif4g1-antibody-immunohistochemistry-western-blot-elisa/168780>