

Rabbit EEF1G Polyclonal Antibody | anti-EEF1G antibody

EEF1G Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324705	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

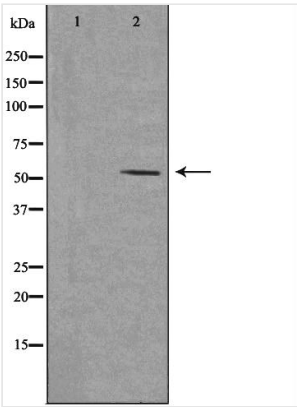
PRODUCT SYNONYMS

EEF1G; Polyclonal Antibody; EEF1G Antibody; 2610301D06Rik; AA407312; eEF 1B gamma; EEF 1G; eEF-1B gamma; EF 1 gamma; EF 1G; EF-1-gamma; EF1 gamma; EF1G; EF1G_HUMAN; Elongation factor 1 gamma; Elongation factor 1-gamma; Eukaryotic translation elongation factor 1 gamma; GIG 35; GIG35; MGC103354; MGC114210; MGC144723; MGC144724; MGC94929; Pancreatic tumor related protein; PRO1608; Translation elongation factor eEF 1 gamma chain; anti-EEF1G antibody

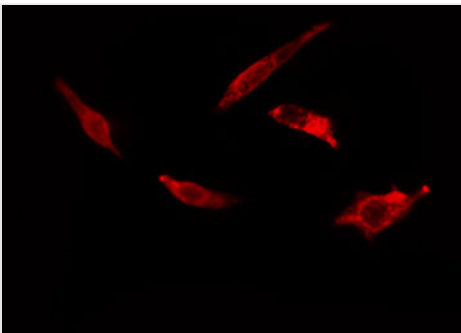
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EEF1G antibody detects endogenous levels of total EEF1G
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	437
Applicable Applications for anti-EEF1G antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Highly expressed in pancreatic tumor tissue and to a lesser extent in normal kidney, intestine, pancreas, stomach, lung, brain, spleen and liver.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (91%), Zebrafish (82%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells using EEF1G antibody.



IF (Immunofluorescence)
AAA324705 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EEF1G antibody	Function: Probably plays a role in anchoring the complex to other cellular components. Subunit Structure: EF-1 is composed of four subunits: alpha, beta, delta, and gamma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503481
NCBI GeneID	1937
NCBI Accession #	NP_001395.1
NCBI GenBank Nucleotide #	NM_001404.4
UniProt Accession #	P26641; Q6PJ62; Q6PK31; Q96CU2; Q9P196; B4DTG2
Molecular Weight	Observed: 55 kD Predicted: 51 kDa
NCBI Official Full Name	elongation factor 1-gamma
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 gamma
NCBI Official Symbol	EEF1G
NCBI Official Synonym Symbols	EF1G; GIG35
NCBI Protein Information	elongation factor 1-gamma
UniProt Protein Name	Elongation factor 1-gamma
UniProt Gene Name	EEF1G
UniProt Synonym Gene Names	EF1G; EF-1-gamma

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.