

Rabbit G-Elongation Factor Polyclonal Antibody | anti-GFM1 antibody

G-Elongation Factor, Mitochondrial 1 (GFM1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145268	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

G-Elongation Factor; Polyclonal Antibody; Mitochondrial 1 (GFM1) Polyclonal Antibody; COXPD1; EFG; EFG1; EFGM; EGF1; GFM; hEFG1; anti-GFM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GFM1. It has been selected for its ability to recognize GFM1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	247
Applicable Applications for anti-GFM1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	GFM1 (Met1~Val158)
Quality Control	Content: The quality control contains recombinant GFM1 (Met1~Val158) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Breast cancer Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	815890950
NCBI GeneID	85476
NCBI Accession #	NP_001295093.1
NCBI GenBank Nucleotide #	NM_001308164.1
UniProt Accession #	Q96RP9; Q6GTN2; Q96T39; A6NCI9; B2RCB9; B3KRW1
Molecular Weight	85,869 Da
NCBI Official Full Name	elongation factor G, mitochondrial isoform 1
NCBI Official Synonym Full Names	G elongation factor mitochondrial 1
NCBI Official Symbol	GFM1
NCBI Official Synonym Symbols	EFG; GFM; EFG1; EFGM; EGF1; hEFG1; COXPD1
NCBI Protein Information	elongation factor G, mitochondrial
UniProt Protein Name	Elongation factor G, mitochondrial
UniProt Gene Name	GFM1
UniProt Synonym Gene Names	hEFG1

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/g-elongation-factor-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145268>