

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145053	Rabbit	Mouse, Human, 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	Mouse, Human, 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	Mouse
Organism Species	Mouse
Fragment	GFM1 (Glu511~Asn751)
Quality Control	Content: The quality control contains recombinant GFM1 (Glu511~Asn751) 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 (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Liver Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Stomach Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant GFM1, Mouse.



WB (Western Blot)
Western Blot: Sample: Lane1: Mouse Kidney Tissue; Lane2: Mouse Heart Tissue; Lane3: Mouse Placenta Tissue; Lane4: Mouse Intestine Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	170650599
NCBI GeneID	28030
NCBI Accession #	NP_613057.2
NCBI GenBank Nucleotide #	NM_138591.2
UniProt Accession #	Q8K0D5; Q921D6; Q924I0
Molecular Weight	83,550 Da
NCBI Official Full Name	elongation factor G, mitochondrial
NCBI Official Synonym Full Names	G elongation factor, mitochondrial 1
NCBI Official Symbol	Gfm1
NCBI Official Synonym Symbols	Gfm; AW545374; D3Wsu133e
NCBI Protein Information	elongation factor G, mitochondrial
UniProt Protein Name	Elongation factor G, mitochondrial
UniProt Gene Name	Gfm1
UniProt Synonym Gene Names	Efg; Efg1; Gfm; EF-Gmt; mEF-G 1

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.