

Rabbit GFM1 Polyclonal Antibody | anti-GFM1 antibody

GFM1 Polyclonal Antibody

CATALOG # AAA37533	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

GFM1; Polyclonal Antibody; GFM1 Polyclonal Antibody; EFG; GFM; EFG1; EFGM; EGF1; hEFG1; COXPD1; anti-GFM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	751
Applicable Applications for anti-GFM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human GFM1
Calculated Molecular Weight	86kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse brain using GFM1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using GFM1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GFM1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-GFM1 antibody	Eukaryotes contain two protein translational systems, one in the cytoplasm and one in the mitochondria. Mitochondrial translation is crucial for maintaining mitochondrial function and mutations in this system lead to a breakdown in the respiratory chain-oxidative phosphorylation system and to impaired maintenance of mitochondrial DNA. This gene encodes one of the mitochondrial translation elongation factors. Its role in the regulation of normal mitochondrial function and in different disease states attributed to mitochondrial dysfunction is not known.
Product Categories/Family for anti-GFM1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	116241346
NCBI GeneID	85476
UniProt Accession #	Q96RP9; Q6GTN2; Q96T39; A6NCI9; B2RCB9; B3KRW1
Molecular Weight	751
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	EFG; GFM; EFG1; EFGM; EGF1; hEFG1; COXPD1
NCBI Protein Information	elongation factor G, mitochondrial; GFM1; mitochondrial elongation factor G; mitochondrial elongation factor G1; G translation elongation factor, mitochondrial
UniProt Protein Name	Elongation factor G, mitochondrial
UniProt Gene Name	GFM1
UniProt Entry Name	EFGM_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/gfm1-antibody-immunohistochemistry-western-blot-elisa/37533>