

Rabbit GFM1 Polyclonal Antibody | anti-GFM1 antibody

GFM1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311384	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GFM1; Polyclonal Antibody; GFM1 Polyclonal Antibody; COXPD1; EFG; EFG1; EFGM; EGF1; GFM; hEFG1; elongation factor G; mitochondrial; anti-GFM1 antibody

PRODUCT SPECIFICATIONS

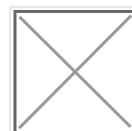
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-GFM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human GFM1 (NP_079272.4).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



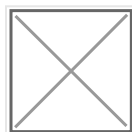
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using GFM1 antibody.



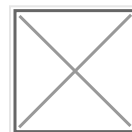
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using GFM1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using GFM1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GFM1 antibody.

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	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18390331
NCBI GeneID	85476
NCBI Accession #	NP_079272.4
NCBI GenBank Nucleotide #	NM_024996.5
UniProt Accession #	Q96RP9; Q6GTN2; Q96T39; A6NCI9; B2RCB9; B3KRW1
Molecular Weight	85,869 Da
NCBI Official Full Name	elongation factor G, mitochondrial isoform 2
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 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gfm1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/311384>