

Rabbit GFM2 Polyclonal Antibody | anti-GFM2 antibody

Anti-GFM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263811	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GFM2; Polyclonal Antibody; Anti-GFM2 Antibody; EFG2; Ribosome-releasing factor 2 mitochondrial; RRF2mt; Elongation factor G 2 mitochondrial; EF-G2mt; mEF-G 2; Elongation factor G2; hEFG2; anti-GFM2 antibody

PRODUCT SPECIFICATIONS

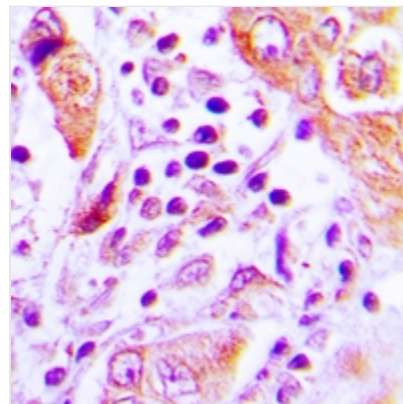
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GFM2 protein.
Purity/Purification	Purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	811
Applicable Applications for anti-GFM2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GFM2.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



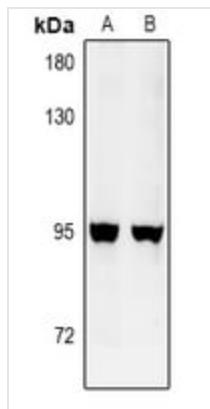
IF (Immunofluorescence)

Immunofluorescent analysis of GFM2 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of GFM2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of GFM2 expression in HeLa (A), PC12 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GFM2 antibody	Rabbit polyclonal antibody to GFM2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	526479814
NCBI GeneID	84340
NCBI Accession #	NP_001268231.1
NCBI GenBank Nucleotide #	NM_001281302.1
UniProt Accession #	Q969S9; Q8N6D8; Q8WYI0; Q9H6Z1; A0AR28
Molecular Weight	81,200 Da
NCBI Official Full Name	ribosome-releasing factor 2, mitochondrial isoform 4
NCBI Official Synonym Full Names	G elongation factor mitochondrial 2
NCBI Official Symbol	GFM2
NCBI Official Synonym Symbols	EFG2; RRF2; MRRF2; hEFG2; MST027; RRF2mt; EF-G2mt; MSTP027; mEF-G 2
NCBI Protein Information	ribosome-releasing factor 2, mitochondrial
UniProt Protein Name	Ribosome-releasing factor 2, mitochondrial
UniProt Gene Name	GFM2
UniProt Synonym Gene Names	EFG2UniRule annotationManual assertion according to rulesiHAMAP-Rule:MF_03059; RRF2mt

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/gfm2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/263811>