

Rabbit GFM2 Polyclonal Antibody | anti-GFM2 antibody

Rabbit anti-GFM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222791	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GFM2; Polyclonal Antibody; Rabbit 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

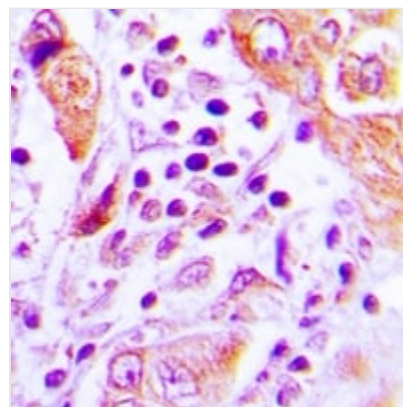
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GFM2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GFM2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



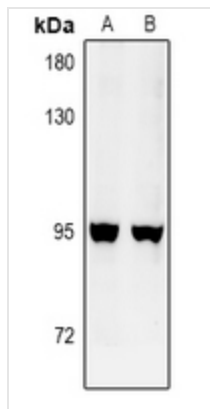
IF (Immunofluorescence)

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

Product Categories/Family for anti-GFM2 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923640
NCBI GeneID	84340
NCBI Accession #	NP_115756.2
NCBI GenBank Nucleotide #	NM_032380.3
UniProt Accession #	Q969S9; Q8R2Q4; Q5BJP6
Molecular Weight	86,601 Da
NCBI Official Full Name	ribosome-releasing factor 2, mitochondrial isoform 1
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; mEF-G 2
NCBI Protein Information	ribosome-releasing factor 2, mitochondrial; MSTP027; mitochondrial elongation factor G2; elongation factor G 2, mitochondrial; mitochondrial ribosome recycling factor 2
UniProt Protein Name	Ribosome-releasing factor 2, mitochondrial
UniProt Gene Name	GFM2
UniProt Synonym Gene Names	EFG2; RRF2mt; EF-G2mt; mEF-G 2; hEFG2
UniProt Entry Name	RRF2M_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://www.aaabiotech.com/polyclonal/gfm2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222791>