

Rabbit anti-Human, Mouse GMFG Polyclonal Antibody | anti-GMFG antibody

GMFG Antibody

CATALOG # AAA303994	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GMFG; Polyclonal Antibody; GMFG Antibody; GMF-GAMMA; anti-GMFG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GMFG protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.3 mg/ml (varies by lot)
Sequence Length	101
Applicable Applications for anti-GMFG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	GMFG
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/50.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Mouse heart and human fetal brain tissue
Amount of lysate: 40ug per lane Primary antibody: 1/1142 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-GMFG antibody	Glia maturation factor, gamma, also known as GMFG, is a 142 amino acid protein that belongs to the GMF subfamily of the larger actin-binding protein ADF family. GMF-gamma is expressed predominantly in lung, heart and placenta. GMF-gamma is considered a candidate regulatory growth factor protein, mediating both paracrine and autocrine cell-cell interactions. GMF-gamma is phosphorylated at N-terminal serine, and its phosphorylation is enhanced by coexpression of dominant active Rac 1 and Cdc42. GMF-gamma expression is significantly increased in a cardiac ischemia/reperfusion model where inflammation and angiogenesis take place actively. As a regulator of actin-based cellular functions, GMF-gamma may provide a novel approach to modulate the pathophysiology of cardiovascular diseases. GMF-gamma is primarily found in proliferative and differentiative organs.
Product Categories/Family for anti-GMFG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	666335604
NCBI GeneID	9535
NCBI Accession #	NP_001287937.1
NCBI GenBank Nucleotide #	NM_001301008.1
UniProt Accession #	O60234; Q6IB37
Molecular Weight	16,801 Da
NCBI Official Full Name	glia maturation factor gamma isoform 2
NCBI Official Synonym Full Names	glia maturation factor, gamma
NCBI Official Symbol	GMFG
NCBI Official Synonym Symbols	GMF-GAMMA
NCBI Protein Information	glia maturation factor gamma
UniProt Protein Name	Glia maturation factor gamma
UniProt Gene Name	GMFG
UniProt Synonym Gene Names	GMF-gamma
UniProt Entry Name	GMFG_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/gmfg-antibody-immunohistochemistry-western-blot-elisa/303994>