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Rabbit Anti-GMFG antibody

SL13457R

Product Name:	GMFG
Chinese Name:	胶浆成熟因子γ/GMF-γ抗体
Alias:	Glia maturation factor gamma; Glia maturation factor, gamma; GMF GAMMA; GMF-gamma; Gmfg; GMFG_HUMAN; MGC126867.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	17kDa
Cellular localization:	Extracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GMFG:51-150/142
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	GMF-gamma 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. **Tissue Specificity:** Expressed predominantly in lung, heart and placenta. **Similarity:** Belongs to the actin-binding proteins ADF family. GMF subfamily. Contains 1 ADF-H domain. **SWISS:** O60234 **Gene ID:** 9535 **Database links:** Entrez Gene: 9535Human Entrez Gene: 63986Mouse Entrez Gene: 514407Cow Omim: 604104Human SwissProt: Q56JZ9Cow SwissProt: O60234Human SwissProt: Q9ERL7Mouse Unigene: 5210Human Unigene: 194536Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.