

GMFG Polyclonal Antibody

catalog number: E-AB-10913

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human GMFG
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

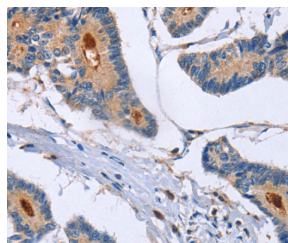
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data

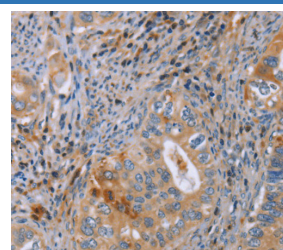


Western Blot analysis of Mouse heart and Human fetal brain tissue using GMFG Polyclonal Antibody at dilution of 1:1142

Calculated-MV:17 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using GMFG Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human cervical cancer using GMFG Polyclonal Antibody at dilution of 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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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.

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