GMFG Antibody

Catalog No: #36200

Orders: order@signalwayantibody.com
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Description

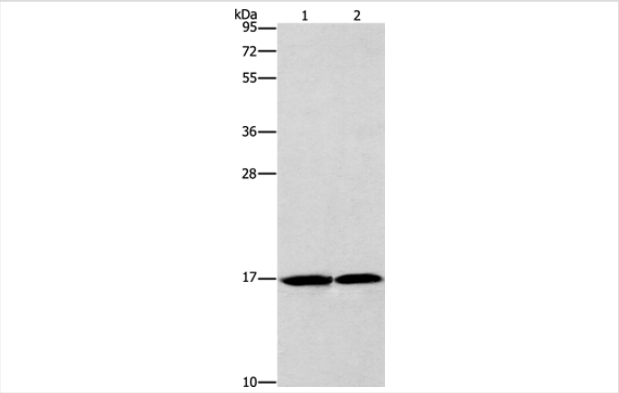
Product Name	GMFG Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total GMFG protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	GMFG
Other Names	GMF-GAMMA
Accession No.	Swiss-Prot#: O60234NCBI Gene ID: 9535Gene Accssion: BC080180
Uniprot	O60234
GeneID	9535;
SDS-PAGE MW	17kd
Concentration	2.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

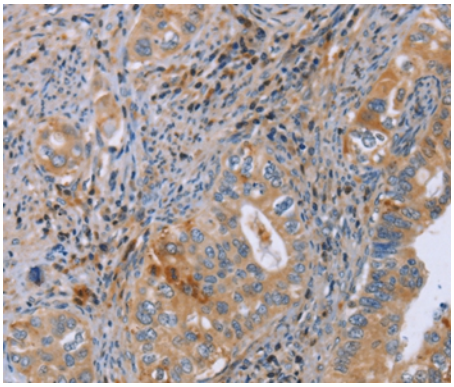
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



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



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36200 at dilution 1/50.

Background

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.

Note: This product is for in vitro research use only