

GMF-beta Polyclonal Antibody

Catalog number: 10690-1-AP

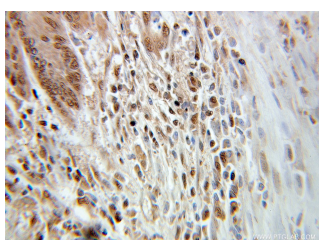
Size: 20 µg/150 µl

Source: Rabbit

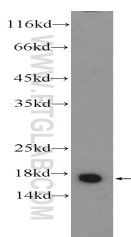
Isotype: IgG

Synonyms:

GMFB; Glia maturation factor
beta, glia maturation factor,
beta, GMF, GMF beta, GMFB,
GMF-β



Immunohistochemical of paraffin-embedded human colon cancer using 10690-1-AP (GMFB antibody) at dilution of 1:100 (under 25x lens)



rat brain tissue were subjected to SDS PAGE followed by western blot with 10690-1-AP (GMFB Antibody) at dilution of 1:500

Background

GMFB, Glia maturation factor beta, is a nerve growth factor implicated in nervous system development. It was reported that GMF-beta promotes the phenotypic expression of glia and neurons and inhibits the proliferation of their respective tumors in culture cells. GMF-beta protein is specific to the brain where it is expressed in glial cells (mainly astrocytes) and insome neurons. Higher levels of GMFB were found in the central nervous system, except for the spinal cord, and in thymus and colon.

Applications

Tested applications:	ELISA, IHC, WB
Cited applications:	ICC, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated GMF-beta MW:	17 kDa
Observed GMF-beta MW:	17 kDa
Positive WB detected in	Rat brain tissue, human brain tissue, human heart tissue, mouse brain tissue, mouse heart tissue
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1104
GenBank accession number:	BC005359
Gene ID (NCBI):	2764
Full name:	Glia maturation factor, beta

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.