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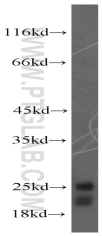
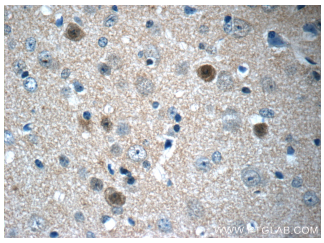
FGF12 Polyclonal Antibody

Catalog number: 13784-1-AP
Size: 40 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
FGF12; FGF 12, FGF12, FGF12B, FHF 1, FHF1, fibroblast growth factor 12, Myocyte activating factor



mouse brain tissue were subjected to SDS PAGE followed by western blot with 13784-1-AP(FGF12 antibody) at dilution of 1:1000

Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13784-1-AP(FGF12 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13784-1-AP(FGF12 Antibody) at dilution of 1:50 (under 40x lens)

Background

FGF12 is a member of the fibroblast growth factor (FGF) family. FGF family members play important roles in embryogenesis, angiogenesis, and wound repair. FGF12 lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. FGF12 plays an intracellular role in the inhibition of radiation-induced apoptosis. FGF12 is expressed abundantly in developing and adult nervous systems; therefore, FGF12 was thought to be related to nervous system development and function.

Applications

Tested applications:	**ELISA, WB, IHC**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated FGF12 MW:	**181aa,20 kDa**
Observed FGF12 MW:	**20-25 kDa**
Positive WB detected in	**Mouse brain tissue**
Positive IHC detected in	**Mouse brain 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:	**Ag4797**
GenBank accession number:	**BC022524**
Gene ID (NCBI):	**2257**
Full name:	**Fibroblast growth factor 12**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**