

For Research Use Only

FGF12 Polyclonal antibody, PBS Only

Catalog Number: 13784-1-PBS

Featured Product



Basic Information

Catalog Number:

13784-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4797

GenBank Accession Number:

BC022524

GeneID (NCBI):

2257

UNIPROT ID:

P61328

Full Name:

fibroblast growth factor 12

Calculated MW:

181 aa, 20 kDa

Observed MW:

20-22 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse, rat

Background Information

FGF12 is a member of the 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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

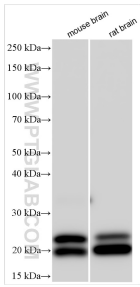
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

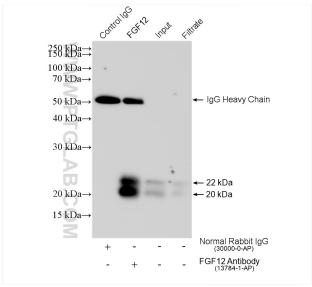
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

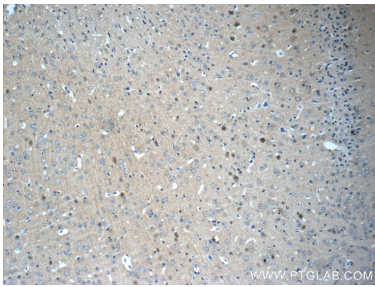
Selected Validation Data



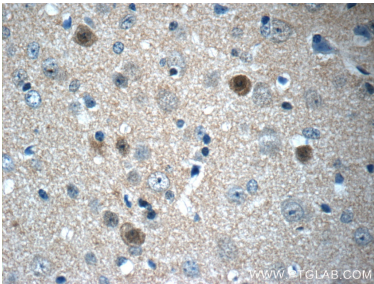
Various lysates were subjected to SDS PAGE followed by western blot with 13784-1-AP (FGF12 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13784-1-PBS in a different storage buffer formulation.



IP result of anti-FGF12 (IP:13784-1-AP, 4ug; Detection:13784-1-AP 1:6000) with mouse brain tissue lysate 1280 ug. This data was developed using the same antibody clone with 13784-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13784-1-AP (FGF12 Antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 13784-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13784-1-AP (FGF12 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 13784-1-PBS in a different storage buffer formulation.