

For Research Use Only

# FGF12 Polyclonal antibody, PBS Only

Catalog Number: 13784-1-PBS

Featured Product



## Basic Information

Catalog Number:	13784-1-PBS	GenBank Accession Number:	BC022524	Purification Method:
Size:	100ug, Concentration: 1mg/ml by Nanodrop;	GenID (NCBI):	2257	Antigen affinity purification
Source:	Rabbit	UNIPROT ID:	P61328	
Isotype:	IgG	Full Name:	fibroblast growth factor 12	
Immunogen Catalog Number:	AG4797	Calculated MW:	181 aa, 20 kDa	
		Observed MW:	20-22 kDa	

## 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.

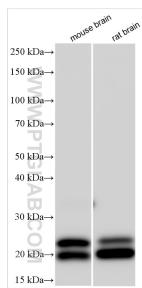
### Storage Buffer:

PBS only, pH7.3

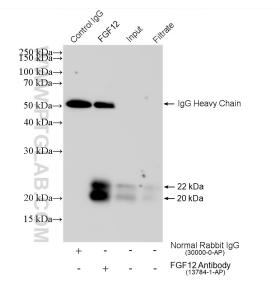
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



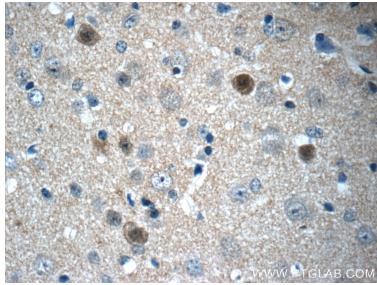
Various lysates were subjected to SDS PAGE followed by western blot with 13784-1-AP (FGF12 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13784-1-PBS in a different storage buffer formulation.



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.