

For Research Use Only

FGF10 Polyclonal antibody

Catalog Number: 29749-1-AP



Basic Information

Catalog Number: 29749-1-AP	GenBank Accession Number: BC105021	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 2255	Recommended Dilutions: WB 1:500-1:2000 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: O15520	
Isotype: IgG	Full Name: fibroblast growth factor 10	
Immunogen Catalog Number: AG31278	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: Human, Mouse	WB : HEK-293 cells, NIH/3T3 cells IF-P : mouse brain tissue,

Background Information

FGF10 belongs to the FGF7 subfamily. FGF10 is a paracrine signaling growth factor of 215 amino acids with a typical signal sequence for secretion and plays an essential role during development and tissue homeostasis in adults (PMID: 30405705). FGF10 is mainly produced by neuron and microglia/macrophages (PMID: 28981091). The calculated molecular weight of FGF10 is 23 kDa. Sometimes higher molecular weight around 40 kDa can also be observed, which may be a modified variant of FGF10.

Storage

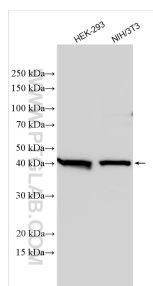
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

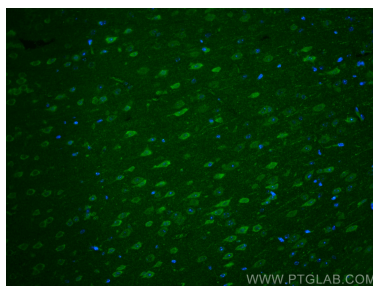
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29749-1-AP (FGF10 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using FGF10 antibody (29749-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).