

For Research Use Only

# FGF10 Polyclonal antibody

Catalog Number: 29749-1-AP



## Basic Information

<b>Catalog Number:</b> 29749-1-AP	<b>GenBank Accession Number:</b> BC105021	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2255	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> fibroblast growth factor 10	
<b>Isotype:</b> IgG	<b>Observed MW:</b> 40 kDa	
<b>Immunogen Catalog Number:</b> AG31278		

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, Mouse	<b>WB :</b> HEK-293 cells, NIH/3T3 cells <b>IF :</b> 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

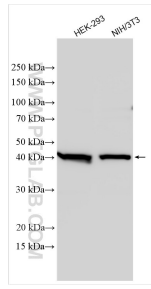
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

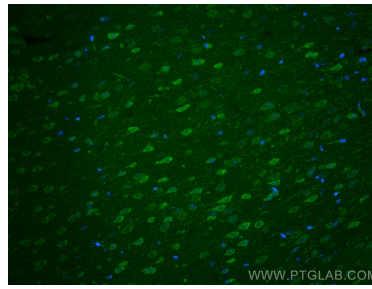
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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).