

For Research Use Only

# GFRA3 Polyclonal antibody

Catalog Number: 25379-1-AP



## Basic Information

<b>Catalog Number:</b> 25379-1-AP	<b>GenBank Accession Number:</b> BC037951	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2676	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> GDNF family receptor alpha 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 45 kDa	
<b>Immunogen Catalog Number:</b> AG13253	<b>Observed MW:</b> 45 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> mouse heart tissue, <b>IHC :</b> human heart tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

GFRA3 is a receptor for the glial cell line-derived neurotrophic factor, ARTN (artemin). It mediates the artemin-induced autophosphorylation and activation of the RET receptor tyrosine kinase. GFRA3 has two isoforms with MW 45 kDa and 41 kDa. It can be cleaved to be a mature form with MW 41 kDa or 37 kDa.

## Storage

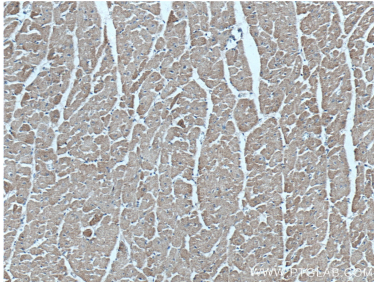
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

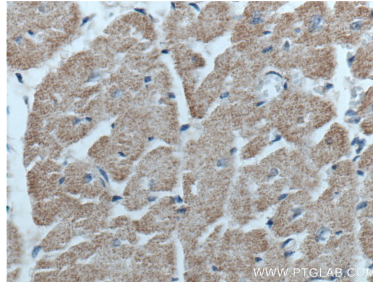
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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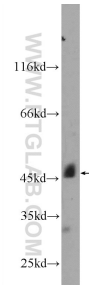
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 25379-1-AP (GFRA3 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 25379-1-AP (GFRA3 antibody) at dilution of 1:200 (under 40x lens).



mouse heart tissue were subjected to SDS PAGE followed by western blot with 25379-1-AP (GFRA3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.