

For Research Use Only

# GFRA3 Polyclonal antibody

Catalog Number: 25379-1-AP



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>25379-1-AP   | <b>GenBank Accession Number:</b><br>BC037951      | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>150ul , Concentration: 700 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>2676                     | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000<br>IHC 1:50-1:500 |
| <b>Source:</b><br>Rabbit   | <b>UNIPROT ID:</b><br>O60609                      |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>GDNF family receptor alpha 3 |  |
| <b>Immunogen Catalog Number:</b><br>AG13253  | <b>Calculated MW:</b><br>45 kDa                   |  |
|  | <b>Observed MW:</b><br>45 kDa                     |  |

## Applications

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

## 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

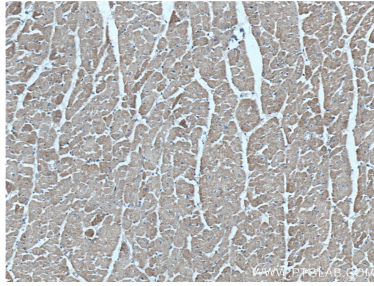
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

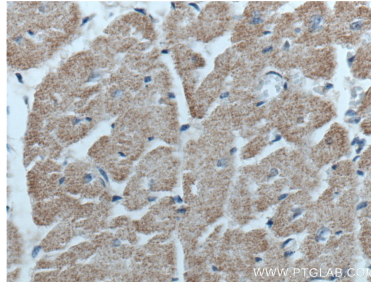
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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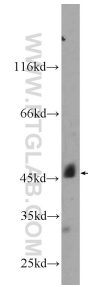
## Selected Validation Data



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.