

GFRA3 Polyclonal antibody

Catalog Number: 25379-1-AP

Basic Information

Catalog Number:

25379-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13253

GenBank Accession Number:

BC037951

GeneID (NCBI):

2676

UNIPROT ID:

O60609

Full Name:

GDNF family receptor alpha 3

Calculated MW:

45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*)** Alternatively, antigen retrieval may be performed with **citrate buffer pH 6.0**

Positive Controls:

WB : mouse heart tissue,

IHC : 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:

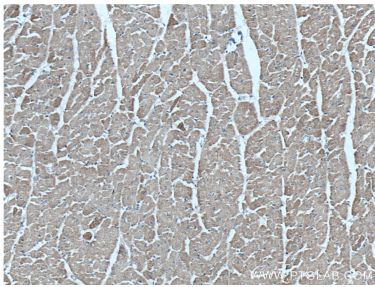
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

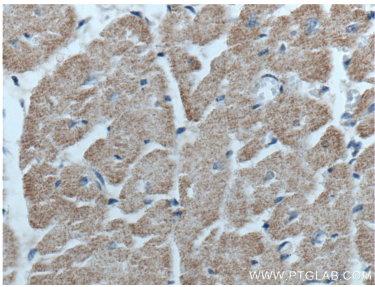
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

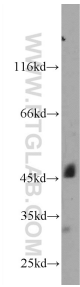
Selected Validation Data



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.