

GDNF Recombinant antibody

Catalog Number: 83087-2-RR

Basic Information

Catalog Number:

83087-2-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24068

GenBank Accession Number:

BC069369

GeneID (NCBI):

2668

UNIPROT ID:

P39905

Full Name:

glial cell derived neurotrophic factor

Calculated MW:

211 aa, 24 kDa

Observed MW:

24-30 kDa

Purification Method:

Protein A purification

CloneNo.:

230358G6

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse brain tissue,

Background Information

Glial-derived neurotrophic factor (GDNF) is a member of the transforming growth factor (TGF)- α family and exhibits potent neuroprotective activity. GDNF is a potent promoter of neuronal survival in the CNS and peripheral nervous system (PNS). It has a relatively high specificity for dopaminergic neurons and thus become an effective treatment for Parkinson's diseases (PD), with clinical trials currently in progress.

Storage

Storage:

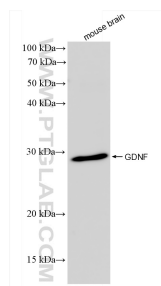
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

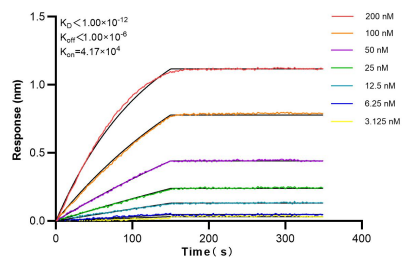
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 83087-2-RR (GDNF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83087-2-RR against Human GDNF were performed. The affinity constant is below 1 pM.