

For Research Use Only

# GDNF Recombinant antibody

Catalog Number: 83087-2-RR



## Basic Information

<b>Catalog Number:</b> 83087-2-RR	<b>GenBank Accession Number:</b> BC069369	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2668	<b>CloneNo.:</b> 230358G6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P39905	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> glial cell derived neurotrophic factor	
<b>Immunogen Catalog Number:</b> AG24068	<b>Calculated MW:</b> 211 aa, 24 kDa	
	<b>Observed MW:</b> 24-30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue,
<b>Species Specificity:</b> human, mouse	

## Background Information

Glial-derived neurotrophic factor (GDNF) is a member of the transforming growth factor (TGF)- $\alpha$  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

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

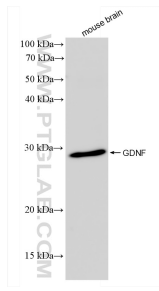
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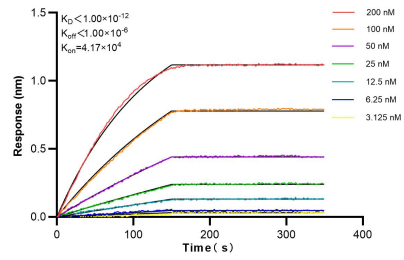
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## Selected Validation Data



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.