

For Research Use Only

GDNF Recombinant antibody

Catalog Number: 83087-2-RR



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue,
Species Specificity: Human, Mouse	

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

For technical support and original validation data for this product please contact:

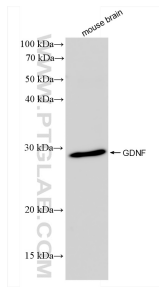
T: 4006900926

E: Proteintech-CN@ptglab.com

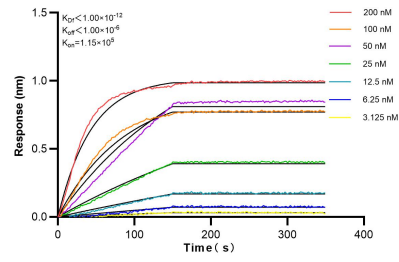
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Selected Validation Data



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.