

GDNF Polyclonal Antibody

Catalog NumberPA1-18359

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Published species	Not Applicable
Class	Polyclonal	Tested Applications	Dilution *
Type	Antibody	Western Blot (WB)	1:1,000-1:3,000
Immunogen	Recombinant human GDNF.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Lyophilized		
Concentration	Conc. Not Determined		
Storage buffer	whole serum		
Contains	no preservative		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

Reconstitute in 100 µL of sterile water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20 °C for a higher stability, and at 4 °C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Avoid repetitive freeze/thaw cycles.

Background/Target Information

GDNF is a glycosylated, disulfide-bonded homodimer molecule. It was first discovered as a potent survival factor for midbrain dopaminergic neurons and was then shown to rescue these neurons in animal models of Parkinson's disease. GDNF is about 100 times more efficient survival factor for spinal motor neurons than the neurotrophins. GDNF is a neurotrophic factor that enhances survival and morphological differentiation of dopaminergic neurons and increases their high-affinity dopamine uptake.

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