

Datasheet for ABIN7430540  
**anti-GDNF antibody (AA 79-217)**



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2 Images

## Overview

Quantity:	100 µL
Target:	GDNF
Binding Specificity:	AA 79-217
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDNF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Glial Cell Line Derived Neurotrophic Factor (GDNF)
Immunogen:	Recombinant Glial Cell Line Derived Neurotrophic Factor (GDNF) corresponding to Asp79~Leu217 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GDNF. It has been selected for its ability to recognize GDNF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	GDNF
Alternative Name:	Glial Cell Line Derived Neurotrophic Factor ( <a href="#">GDNF Products</a> )
Background:	ATF1, ATF2, HFB1-GDNF, Astrocyte-Derived Trophic Factor, Glial Derived Neurotrophic Factor
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Tube Formation</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

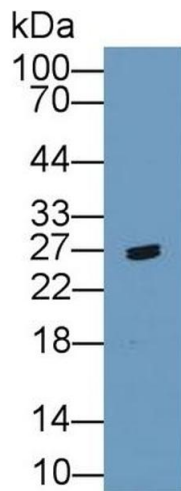
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

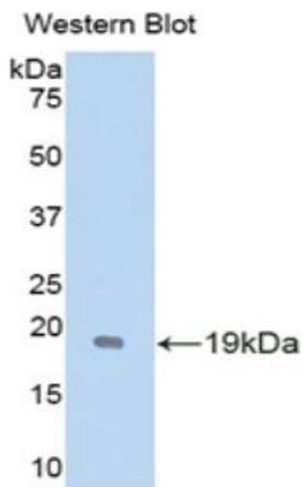
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Western Blotting

**Image 1.** Detection of GDNF in Mouse Cerebrum lysate using Polyclonal Antibody to Glial Cell Line Derived Neurotrophic Factor (GDNF)



#### Western Blotting

**Image 2.** Detection of Recombinant GDNF, Mouse using Polyclonal Antibody to Glial Cell Line Derived Neurotrophic Factor (GDNF)