

Datasheet for ABIN7430543
anti-GDNF antibody (AA 78-211)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GDNF
Binding Specificity:	AA 78-211
Reactivity:	Rat
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 Ser78~Ile211 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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	GDNF
---------	------

Target Details

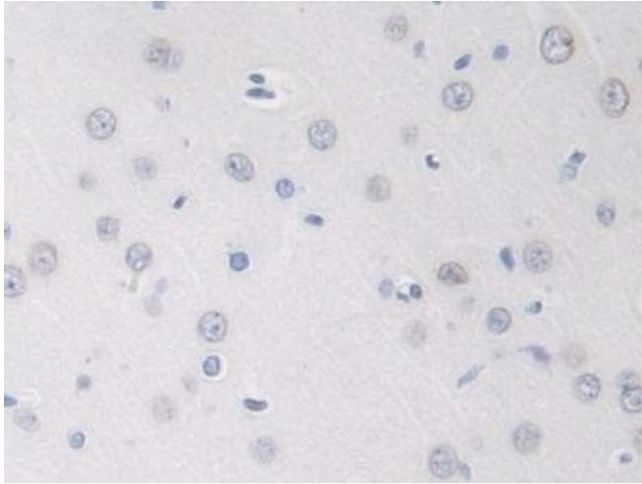
Alternative Name:	Glial Cell Line Derived Neurotrophic Factor (GDNF Products)
Background:	ATF1, ATF2, HFB1-GDNF, Astrocyte-Derived Trophic Factor, Glial Derived Neurotrophic Factor
Pathways:	RTK Signaling , Synaptic Membrane , Tube Formation , Autophagy , Smooth Muscle Cell Migration

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

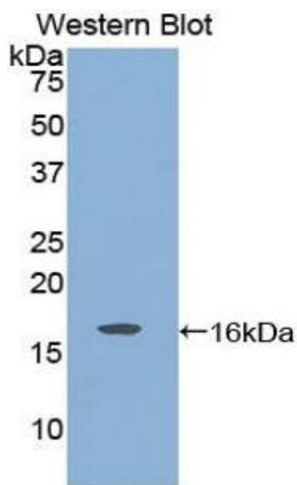
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



Immunohistochemistry

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



Western Blotting

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