

Datasheet for ABIN6390139
anti-GDNF antibody (AA 100-180)



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Overview

Quantity:	100 µL
Target:	GDNF
Binding Specificity:	AA 100-180
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDNF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Unconjugated Rabbit polyclonal to GDNF
Immunogen:	Synthesized peptide derived from human GDNF protein.
Isotype:	IgG
Specificity:	GDNF Polyclonal Antibody detects endogenous levels of protein.
Purification:	GDNF antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	GDNF
Alternative Name:	GDNF (GDNF Products)

Target Details

Molecular Weight:	23 kDa
Gene ID:	2668
UniProt:	P39905
Pathways:	RTK Signaling , Synaptic Membrane , Tube Formation , Autophagy , Smooth Muscle Cell Migration

Application Details

Application Notes:	WB 1:500-2000 ELISA 1:5000-20000
Comment:	In the brain, predominantly expressed in the striatum with highest levels in the caudate and lowest in the putamen. Isoform 2 is absent from most tissues except for low levels in intestine and kidney. Highest expression of isoform 3 is found in pancreatic islets. Isoform 5 is expressed at very low levels in putamen, nucleus accumbens, prefrontal cortex, amygdala, hypothalamus and intestine. Isoform 3 is up-regulated in the middle temporal gyrus of Alzheimer disease patients while isoform 2 shows no change.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid form in PBS containing 50 % glycerol, and 0.02 % sodium azide.
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:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.