

GNDF polyclonal antibody

Catalog # PAB0699 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant GDNF.
Immunogen	Recombinant protein corresponding to full length human GDNF.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	No cross reactivity with NTN has been observed in western blot analysis.
Form	Lyophilized
Recommend Usage	Western Blot (1:1000-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GDNF

Entrez GeneID	2668
Protein Accession#	P39905
Gene Name	GNDF

Gene Alias	ATF1, ATF2, HFB1-GDNF
Gene Description	glial cell derived neurotrophic factor
Omim ID	142623 171300 209880 600837
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a highly conserved neurotrophic factor. The recombinant form of this protein was shown to promote the survival and differentiation of dopaminergic neurons in culture, and was able to prevent apoptosis of motor neurons induced by axotomy. The encoded protein is processed to a mature secreted form that exists as a homodimer. The mature form of the protein is a ligand for the product of the RET (rearranged during transfection) protooncogene. In addition to the transcript encoding GDNF, two additional alternative transcripts encoding distinct proteins, referred to as astrocyte-derived trophic factors, have also been described. Mutations in this gene may be associated with Hirschsprung disease. [provided by RefSeq]
Other Designations	astrocyte-derived trophic factor glial cell line derived neurotrophic factor glial derived neurotrophic factor

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Hydronephrosis](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Mental Disorders](#)
- [Narcolepsy](#)
- [Neoplasm Invasiveness](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Sleep Apnea](#)
- [Tourette Syndrome](#)

- [Vesico-Ureteral Reflux](#)