

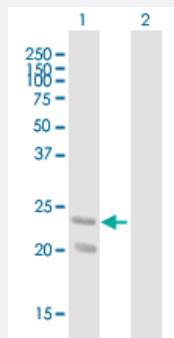
MaxPab®

GDNF purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002668-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GDNF expression in transfected 293T cell line ([H00002668-T01](#)) by GDNF MaxPab polyclonal antibody.

Lane 1: GDNF transfected lysate(23.21 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GDNF protein.
Immunogen	GDNF (NP_000505.1, 1 a.a. ~ 211 a.a) full-length human protein.
Sequence	MKLWDVVAVCLVLLHTASAFPLPAGKRPPEAPAEDRSLGRRRAPFALSSDSNMPEDYPDQFDD VMDFIQATIKRLKRSPDKQMAVLPRRERNRQAAAAANPENSRGKGRRGQRGKNRGCVLTAIHLNVT DLGLGYETKEELIFRYCSGSCDAAETTYDKILKNLSRNRRLVSDKVGQACCRPIAFDDDLNFLDDN LVYHILRKHSKRKCGCI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — GDNF

Entrez GeneID [2668](#)

GeneBank Accession# [NM_000514](#)

Protein Accession# [NP_000505.1](#)

Gene Name GDNF

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](#)