

Rabbit anti-Mouse, Rat GDNF Polyclonal Antibody | anti-GDNF antibody

GDNF Polyclonal Antibody

CATALOG # AAA174531	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

GDNF; Polyclonal Antibody; GDNF Polyclonal Antibody; Astrocyte derived trophic factor; Astrocyte derived trophic factor 1; Astrocyte-derived trophic factor; ATF 1; ATF 2; Atf; ATF1; ATF2; gdnf; Glial cell derived neurotrophic factor; Glial Cell Line Derived Neurotrophic Factor; Glial cell line-derived neurotrophic factor; Glial derived neurotrophic factor; HFB1 GDNF; hGDNF; HSCR3; anti-GDNF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	80 mug/mL (varies by lot)
Sequence Length	185
Applicable Applications for anti-GDNF antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to mouse GDNF
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat spinal marrow using GDNF Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse brain using GDNF Polyclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-GDNF antibody	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The recombinant form of this protein, a highly conserved neurotrophic factor, 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. This protein is a ligand for the product of the RET (rearranged during transfection) protooncogene. Mutations in this gene may be associated with Hirschsprung disease and Tourette syndrome. This gene encodes multiple protein isoforms that may undergo similar proteolytic processing.
Product Categories/Family for anti-GDNF antibody	Neuroscience; Developmental Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506721
NCBI GeneID	25453
NCBI Accession #	NP_062012.1
NCBI GenBank Nucleotide #	NM_019139.1
UniProt Accession #	Q07731; Q63214; Q64062; Q64063; Q8R485; Q9QX94; Q9QX95; Q9QXJ7; Q9QXJ8; Q9QXJ9
Molecular Weight	20,748 Da
NCBI Official Full Name	glial cell line-derived neurotrophic factor
NCBI Official Synonym Full Names	glial cell derived neurotrophic factor
NCBI Official Symbol	Gdnf
NCBI Official Synonym Symbols	gndf
NCBI Protein Information	glial cell line-derived neurotrophic factor
UniProt Protein Name	Glial cell line-derived neurotrophic factor
UniProt Gene Name	Gdnf
UniProt Synonym Gene Names	ATF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gdnf-antibody-immunohistochemistry-elisa/174531>