

Rabbit GDNF Polyclonal Antibody | anti-GDNF antibody

Anti-GDNF antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45131	Rabbit	Reacts with: Human, Rat Predicted to work with: Mouse	Immunocytochemistry, Immunohistochemistry, Western Blot

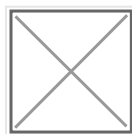
PRODUCT SYNONYMS

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

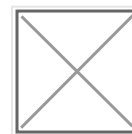
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	211
Applicable Applications for anti-GDNF antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human GDNF (142-158aa FRYCSGSCDAAETTYDK), different from the related mouse sequence by three amino acids and rat sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemisry)

Anti-GDNF antibody, AAA45131, IHC(P)IHC(P): Human Lung Cancer Tissue


IHC (Immunohiostchemistry)

Anti-GDNF antibody, AAA45131, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)

Anti-GDNF antibody, AAA45131, Western blotting
Lane 1: Recombinant Human GDNF Protein 10ng
Lane 2: Recombinant Human GDNF Protein 5ng
Lane 3: Recombinant Human GDNF Protein 2.5ng
Lane 4: SMMC Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GDNF antibody	Description: Rabbit IgG polyclonal antibody for Glial cell line-derived neurotrophic factor(GDNF) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: GDNF, Glial cell-derived neurotrophic factor, is a protein that, in humans, is encoded by the GDNF gene. GDNF is a small protein that potently promotes the survival of many types of neurons. GDNF is a founding member of the GDNF family of ligands(GFL). The GDNF gene is mapped to human chromosome 5p13.1-p12 by fluorescence in situ hybridization(FISH). 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	729567
NCBI GeneID	2668
UniProt Accession #	P39905; O95448; O95449; O95986; Q6FH33; Q96L44; Q9UD32; Q9UD33; Q9UMV2; Q9UP67; Q9UP97; B7WPK7; AAB33493; AAB33494
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	ATF1; ATF2; HSCR3; HFB1-GDNF
NCBI Protein Information	glial cell line-derived neurotrophic factor; ATF; astrocyte-derived trophic factor
UniProt Protein Name	Glial cell line-derived neurotrophic factor
UniProt Gene Name	GDNF
UniProt Synonym Gene Names	hGDNF; ATF
UniProt Entry Name	GDNF_HUMAN

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-immunocytochemistry-immunohistochemistry-western-blot-elisa/45131>