

GDNF Rabbit Polyclonal Antibody



CAB14734

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

18kDa/20kDa/22kDa/23kDa/
25kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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.

Immunogen information

Gene ID:

2668

Uniprot

P39905

Synonyms:

GDNF; ATF; ATF1; ATF2; HFB1-GDNF; HSCR3

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 109-211 of human GDNF (NP_000505.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images
