

OriGene Technologies, Inc.

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Product datasheet for TA362881

Gdnf Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle terminal region of mouse GDNF
Specificity:	Expected reactivity: Mouse
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23 kDa
Gene Name:	glial cell line derived neurotrophic factor
Database Link:	<u>NP_001288261.1</u> <u>Entrez Gene 14573 Mouse</u> <u>P48540</u>



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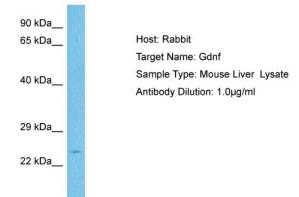
Gdnf Rabbit Polyclonal Antibody – TA362881

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. Homozygous knockout mice for this gene exhibit defects in kidney
development and neonatal death. This gene encodes multiple protein isoforms that may
undergo similar proteolytic processing.

Synonyms:

ATF; ATF1; ATF2; HFB1-GDNF; hGDNF

Product images:



Host: Rabbit Target Name: GDNF Sample Tissue: Mouse Liver lysates Antibody Dilution: 1ug/ml

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