

Anti-NGF Antibody



Description

This gene is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein has nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis.

Model	STJ116148
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 19-241 of human NGF (NP_002497.2).
Gene ID	4803
Gene Symbol	NGF
Dilution range	WB 1:500 - 1:1000 IF 1:50 - 1:100
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Beta-nerve growth factor Beta-NGF
Molecular Weight	26.959 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7808OMIM:162030Reactome:R-HSA-167021
Alternative Names	Beta-nerve growth factor Beta-NGF
Function	Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems, Extracellular ligand for the NTRK1 and NGFR receptors, activates cellular signaling cascades through those receptor tyrosine kinase to regulate neuronal proliferation, differentiation and survival, Inhibits metalloproteinase dependent proteolysis of platelet glycoprotein VI ,
Cellular Localization	Secreted

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