



NGF rabbit pAb

Cat No.:ES2958

For research use only

Overview

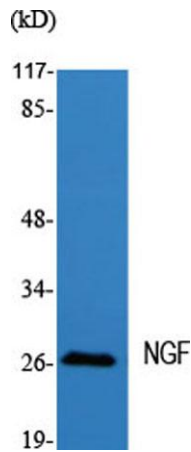
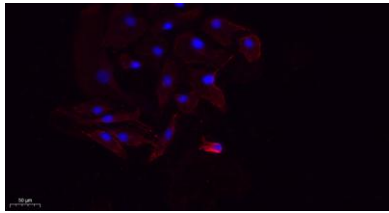
Product Name	NGF rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. IF 1:100-300 Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NGF. AA range:33-82
Specificity	NGF Polyclonal Antibody detects endogenous levels of NGF protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Beta-nerve growth factor
Gene Name	NGF
Cellular localization	Secreted . Endosome lumen . ProNGF is endocytosed after binding to the cell surface receptor formed by SORT1 and NGFR. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	27kD
Human Gene ID	4803
Human Swiss-Prot Number	P01138
Alternative Names	NGF; NGFB; Beta-nerve growth factor; Beta-NGF
Background	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. [provided by RefSeq, Jul 2008],

Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



Western Blot analysis of various cells using NGF Polyclonal Antibody diluted at 1:2000



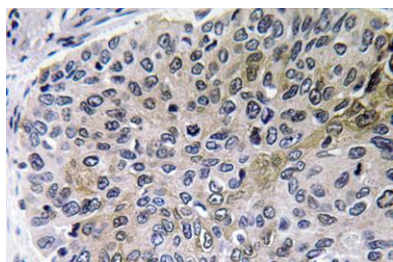
Western Blot analysis of Jurkat cells using NGF Polyclonal Antibody diluted at 1:2000





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Immunohistochemistry analysis of NGF antibody in paraffin-embedded human lung carcinoma tissue.



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