

Rabbit anti-Human NGFB Polyclonal Antibody | anti-NGF antibody

NGFB Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290086	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

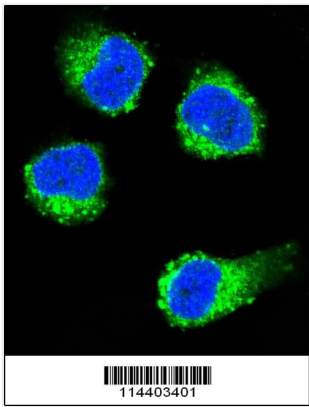
PRODUCT SYNONYMS

NGFB; Polyclonal Antibody; NGFB Antibody (Center); Beta-nerve growth factor; Beta-NGF; NGF; anti-NGF antibody

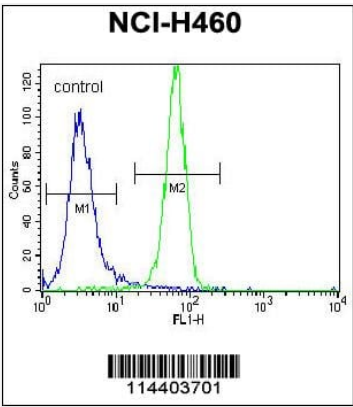
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NGFB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 84-115 amino acids from the Central region of human NGFB.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	84-115
Sequence Length	241
Applicable Applications for anti-NGF antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

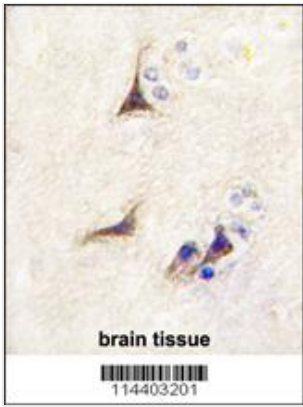
IMAGES



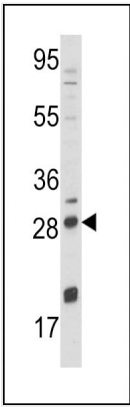
IF (Immunofluorescence)
Confocal immunofluorescent analysis of NGFB Antibody (Center) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
NGFB Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with NGFB antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NGFB Antibody (Center) in NCI-H460 cell line lysates (35ug/lane). NGFB (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NGF antibody	NGFB is a member of the NGF-beta family. It is 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 the gene encoding NGFB have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of the gene's expression is associated with allergic rhinitis.
Product Categories/Family for anti-NGF antibody	Cancer; Cell Biology; Neuroscience; Signal Transduction
References	Lang,U.E., Pharmacopsychiatry 41 (5), 196-199 (2008) Truzzi,F., J. Invest. Dermatol. 128 (8), 2031-2040 (2008) MacGrogan,D., J. Neurochem. 59 (4), 1381-1391 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	70995319
NCBI GeneID	4803
NCBI Accession #	NP_002497.2
NCBI GenBank Nucleotide #	NM_002506.2

UniProt Accession #	P01138 ; Q6FHA0 ; Q96P60 ; Q9P2Q8 ; Q9UKL8 ; A1A4E5
Molecular Weight	26959
NCBI Official Full Name	beta-nerve growth factor
NCBI Official Synonym Full Names	nerve growth factor (beta polypeptide)
NCBI Official Symbol	NGF
NCBI Official Synonym Symbols	NGFB; HSAN5; Beta-NGF
NCBI Protein Information	beta-nerve growth factor
UniProt Protein Name	Beta-nerve growth factor
UniProt Gene Name	NGF
UniProt Synonym Gene Names	NGFB; Beta-NGF
UniProt Entry Name	NGF_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ngfb-antibody-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/290086>