

Rabbit anti-Human, Mouse NGFR Polyclonal Antibody | anti-NGFR antibody

NGFR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39304	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

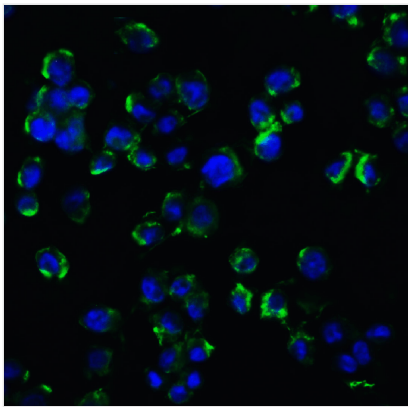
PRODUCT SYNONYMS

NGFR; Polyclonal Antibody; NGFR Antibody; CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR; Tumor necrosis factor receptor superfamily member 16; NGF receptor; nerve growth factor receptor (TNFR superfamily; member 16); anti-NGFR antibody

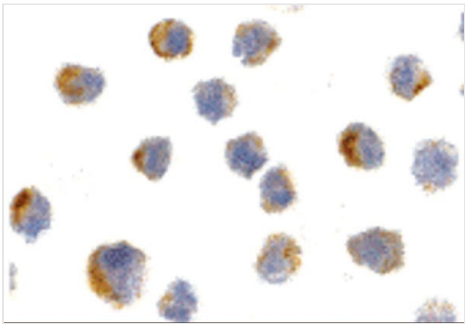
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	NGFR Antibody is Protein A purified.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	427
Applicable Applications for anti-NGFR antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NGFR antibody was raised against purified recombinant human NGFR.
Buffer	NGFR Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NGFR antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

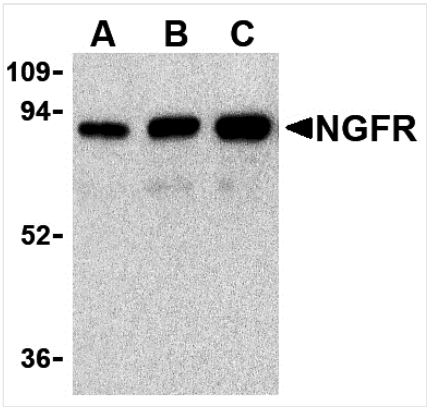
IMAGES



IF (Immunofluorescence)
Immunofluorescence of NGFR in HepG2 cells with NGFR antibody at 20 μ g/mL. Green: NGFR Antibody (3593) Blue: DAPI staining



ICC (Immunocytochemistry)
Immunocytochemistry of NGFR in A20 cells with NGFR antibody at 10 μ g/mL.



WB (Western Blot)
Western blot analysis of (A) 25 ng, (B) 50 ng, and (C) 100 ng of purified recombinant NGFR with NGFR antibody at 1 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NGFR antibody	NGFR Antibody: The tumor necrosis factor (TNF) and TNF receptor (TNFR) gene superfamilies regulate numerous biological functions including cell proliferation, differentiation, and survival through regulating the activation of the transcription factor NF- κ B and various mitogen-activated protein kinases. Nerve growth factor receptor (NGFR) was one of the earliest characterized members of this family. Also known as the low-affinity receptor p75NTR, this receptor is involved in several diverse functions such as apoptosis, neurite outgrowth during development, and myelination. Its ligands include NGF, brain-derived neurotrophic factor (BDNF), NT3, and NT4. NGFR can also associate with other NGF receptors such as Trk through the cytosolic and transmembrane domains and thus can function as a co-receptor that refines Trk affinity and specificity for neurotrophins. Finally, upon binding of various neurotrophins, NGFR associates with tumor necrosis factor receptor-6 (TRAF6), suggesting that it can potentially function as a signal transducer for NGF signals through NGFR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505393
NCBI GeneID	4804
NCBI Accession #	NP_002498
NCBI GenBank Nucleotide #	NM_002507.3
UniProt Accession #	P08138; B2R961; B4E096
Molecular Weight	35,767 Da

NCBI Official Full Name	tumor necrosis factor receptor superfamily member 16
NCBI Official Synonym Full Names	nerve growth factor receptor
NCBI Official Symbol	NGFR
NCBI Official Synonym Symbols	CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 16; p75 ICD; NGF receptor; TNFR superfamily, member 16; low affinity nerve growth factor receptor; low affinity neurotrophin receptor p75NTR; low-affinity nerve growth factor receptor
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 16
UniProt Gene Name	NGFR
UniProt Synonym Gene Names	TNFRSF16; NGF receptor
UniProt Entry Name	TNR16_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/ngfr-antibody-immunocytochemistry-western-blot-elisa/39304>