

Rabbit NTF3 Polyclonal Antibody | anti-NTF3 antibody

NTF3 Antibody

CATALOG # AAA326943	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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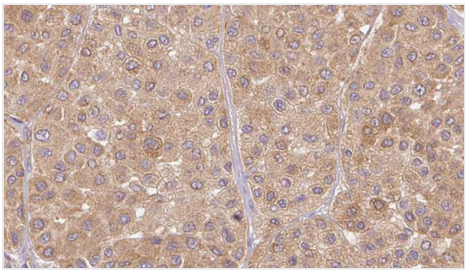
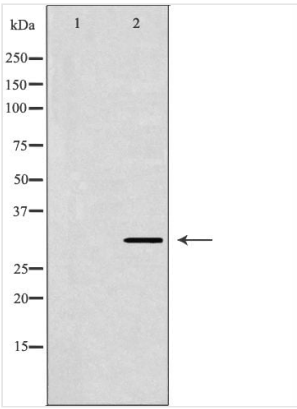
PRODUCT SYNONYMS

NTF3; Polyclonal Antibody; NTF3 Antibody; HDNF; MGC129711; Nerve growth factor 2; Neurotrophic factor; Neurotrophin 3 precursor; Neurotrophin-3; Neurotrophin3; NGF 2; NGF-2; NGF2; NT 3; NT-3; NT3; NTF 3; NTF3_HUMAN; anti-NTF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NTF3 antibody detects endogenous levels of total NTF3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	270
Applicable Applications for anti-NTF3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NTF3
Subcellular Location	Secreted.
Tissue Specificity	Brain and peripheral tissues.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326943 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of HT-29, using NTF3 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NTF3 antibody	Description: The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. Function: Seems to promote the survival of visceral and proprioceptive sensory neurons. Similarity: Belongs to the NGF-beta family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156630995
NCBI GeneID	4908
NCBI Accession #	NP_001096124.1
NCBI GenBank Nucleotide #	NM_001102654.1
UniProt Accession #	P20783; Q6FH50; B7Z1T5
Molecular Weight	Observed: 31 kDa Predicted: 30 kDa
NCBI Official Full Name	neurotrophin-3 isoform 1 preproprotein
NCBI Official Synonym Full Names	neurotrophin 3
NCBI Official Symbol	NTF3
NCBI Official Synonym Symbols	NT3; HDNF; NGF2; NT-3; NGF-2
NCBI Protein Information	neurotrophin-3
UniProt Protein Name	Neurotrophin-3
UniProt Gene Name	NTF3
UniProt Synonym Gene Names	NT-3; NGF-2

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.

