

Rabbit NTF4 Polyclonal Antibody | anti-NTF4 antibody

NTF4 Antibody

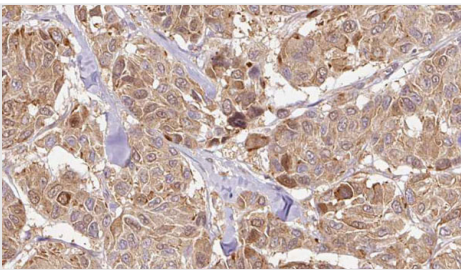
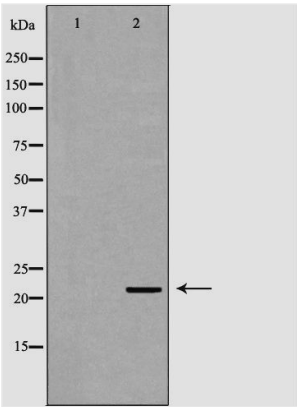
CATALOG # AAA326007	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

NTF4; Polyclonal Antibody; NTF4 Antibody; GLC10; GLC10; Neurotrophic factor 4; Neurotrophic factor 5; Neurotrophin 4; Neurotrophin 4/5; Neurotrophin 5 (neurotrophin 4/5); Neurotrophin 5; Neurotrophin-4; Neurotrophin-5; Neutrophic factor 4; Neutrophic factor 5; NT 4; NT 4/5; NT 5; NT-4; NT-5; NT4; NT4/5; NT4P; NT5; NTF4_HUMAN; NTF5; anti-NTF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NTF4 antibody detects endogenous levels of total NTF4
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	210
Applicable Applications for anti-NTF4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NTF4
Subcellular Location	Secreted.
Tissue Specificity	Highest levels in prostate, lower levels in thymus, placenta, and skeletal muscle. Expressed in embryonic and adult tissues.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA326007 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 HT1080 cell lysate , using NTF4 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NTF4 antibody

Description: NT-4 is a member of the structurally related neurotrophin family of proteins, which includes beta-NGF, BDNF and NT-3 (1). NT-4 is expressed in a number of cell types and tissues, including neuronal cells, normal breast epithelial cells, melanocytes, activated T cells, and granulocytes (1-5). NT-4 is required for the development of peripheral sensory neurons (6, 7). NT-4 may be important for the development of long term memory (8). Increased NT-4 expression in melanoma cells promotes cell proliferation and migration (5). NT-4 is secreted from cells as a precursor protein, which is proteolytically cleaved into the mature form (1). NT-4 signaling is mediated through two distinct receptors, the neurotrophin receptor p75NTR and the Trk tyrosine kinase receptor TrkB. While all neurotrophins bind to the p75NTR receptor, NT-4 preferentially binds to the TrkB receptor (1).
Function: Target-derived survival factor for peripheral sensory sympathetic neurons.
Similarity: Belongs to the NGF-beta family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453808
NCBI GeneID	4909
NCBI Accession #	NP_006170.1
NCBI GenBank Nucleotide #	NM_006179.4
UniProt Accession #	P34130; Q6FH56
Molecular Weight	Observed: 22 kDa Predicted: 23 kDa
NCBI Official Full Name	neurotrophin-4 preproprotein
NCBI Official Synonym Full Names	neurotrophin 4
NCBI Official Symbol	NTF4
NCBI Official Synonym Symbols	NT4; NT5; NT-4; NT-5; NTF5; GLC10; GLC10; NT-4/5
NCBI Protein Information	neurotrophin-4
UniProt Protein Name	Neurotrophin-4
UniProt Gene Name	NTF4
UniProt Synonym Gene Names	NTF5; NT-4; NT-5

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://stage.aaabiotech.com/polyclonal/ntf4-antibody-immunohistochemistry-western-blot-elisa/326007>