



[Go to Product page](#)

Datasheet for ABIN2774156

anti-Neurotrophin 4 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	Neurotrophin 4 (NTF4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurotrophin 4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NTF5
Sequence:	LAPEWDLSP RVVLSRGAPA GPPLLFLLEA GAFRESAGAP ANRSRRGVSE
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against NTF5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Neurotrophin 4 (NTF4)
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Target Details

Alternative Name:	NTF5 (NTF4 Products)
Background:	<p>This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knock-outs of other neu</p> <p>Alias Symbols: NT-4/5, NT4, NT5, NTF4, NT-4, NT-5, NTF5, GLC10, GLC10</p> <p>Protein Interaction Partner: ADAMTSL4, CLIC1, NTRK2, NTF4, NGFR, BDNF,</p> <p>Protein Size: 210</p>
Molecular Weight:	22 kDa
Gene ID:	4909
NCBI Accession:	NM_006179 , NP_006170
UniProt:	P34130
Pathways:	RTK Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 210 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-NTF5 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: HT1080 cell lysate