

Product datasheet

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ARG70020 anti-NT4 / Neurotrophin 5 antibody

Package: 100 μg, 50 μg

Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes NT4 / Neurotrophin 5

Tested Reactivity Hu, Ms, Rat

Predict Reactivity Bov, Dog, Hrs, Pig

Tested Application ELISA, ICC/IF, IHC-Fr, IHC-P, IP, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name NT4 / Neurotrophin 5

Species Human

Immunogen Synthetic peptide around the internal region of Human NT-4.

Epitope Epitope mapping within an internal region of NT-4 of human origin

Conjugation Un-conjugated

Alternate Names NTF5; NT-4/5; NT5; NT4; GLC10; GLC10; NT-5; NT-4; Neurotrophin-4; Neurotrophin-5; Neutrophic

factor 4

Application Instructions

Application table	Application	Dilution
	ELISA	1:30 - 1:3000
	ICC/IF	1:50 - 1:500
	IHC-Fr	1:50 - 1:500
	IHC-P	1:50 - 1:500
	IP	1-2 μg per 100-500 μg of total protein (1 ml of cell lysate).
	WB	1:100 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse skin ectract and Human colon ectract.	

Properties

Form	Liquid	
Purification	Affinity purification with immunogen.	
Buffer	1.0 ml of PBS, < 0.1% Sodium azide and 0.1% Gelatin	

Preservative < 0.1% Sodium azide

Stabilizer 0.1% Gelatin

Concentration 0.2 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links <u>GeneID: 25730 Rat</u>

GeneID: 4909 Human

Swiss-port # P34130 Human

Swiss-port # P34131 Rat

Gene Symbol NTF4

Gene Full Name neurotrophin 4

Background 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 neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood. [provided by

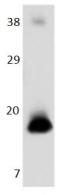
RefSeq, Jul 2008]

Function Target-derived survival factor for peripheral sensory sympathetic neurons. [UniProt]

Research Area Neuroscience antibody

Calculated Mw 22 kDa

Images



ARG70020 anti-NT4 / Neurotrophin 5 antibody WB image

Western blot: Human recombinant NT-4 protein stained with ARG70020 anti-NT4 / Neurotrophin 5 antibody.