

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; Neurotrophic 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 extract and Human colon extract.

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	GeneID: 25730 Rat 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.