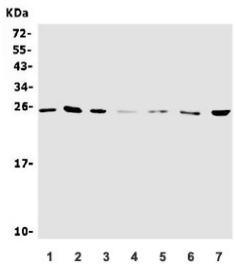
NTF4 Antibody / NT-4 (RQ5832)

Catalog No.	Formulation	Size
RQ5832	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P34130
Applications	Western blot: 0.5-1ug/ml
Limitations	This NTF4 antibody is available for research use only.



Western blot testing of 1) human HEK293, 2) human SW620, 3) human HeLa, 4) rat RH35, 5) mouse spleen, 6) mouse thymus and 7) mouse NIH 3T3 lysate with NTF4 antibody. Expected molecular weight: 22-45 depending on level of glycosylation.

Description

Neurotrophin-4 (NT-4), also known as neurotrophin-5 (NT-5), is a protein that in humans is encoded by the NTF4 gene. 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.

Application Notes

Optimal dilution of the NTF4 antibody should be determined by the researcher.

Immunogen

Amino acids PLRQYFFETRCKADNAEE from the human protein were used as the immunogen for the NTF4 antibody.

Storage

After reconstitution, the NTF4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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