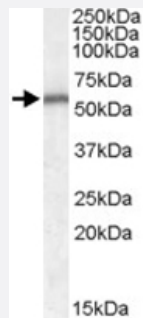


NTF4 polyclonal antibody

Catalog # PAB11560 Size 100 ug

Applications



Western Blot (Tissue lysate)

NTF4 polyclonal antibody (Cat # PAB11560) (0.1 ug/mL) staining of human cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NTF4.
Immunogen	A synthetic peptide corresponding to human NTF4.
Sequence	FETRCKADNAEEG
Host	Goat
Theoretical MW (kDa)	22.4
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

NTF4 polyclonal antibody (Cat # PAB11560) (0.1 ug/mL) staining of human cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NTF4

Entrez GeneID	4909
Protein Accession#	NP_006170.1
Gene Name	NTF4
Gene Alias	NT-4/5, NT4, NT5, NTF5
Gene Description	neurotrophin 4
Omim ID	162662
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	neurotrophic factor 4 neurotrophic factor 5 neurotrophin 5 neurotrophin 5 (neurotrophin 4/5)

Publication Reference

- [A novel function of differentiation revealed by cDNA microarray profiling of p75NTR-regulated gene expression.](#)

Nalbandian A, Pang AL, Rennert OM, Chan WY, Ravindranath N, Djakiew D.

Differentiation 2005 Oct; 3(8):385.

- [Presence and localization of neurotrophins and neurotrophin receptors in rat lacrimal gland.](#)

Ghinelli E, Johansson J, Rios JD, Chen LL, Zoukhri D, Hodges RR, Dartt DA.

Investigative Ophthalmology & Visual Science 2003 Aug; 44(8):3352.

Application: IF, IHC-Fr, WB-Ti, Rat, Brains, Lacrimal gland tissue

Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Mental Disorders](#)
- [Social Perception](#)