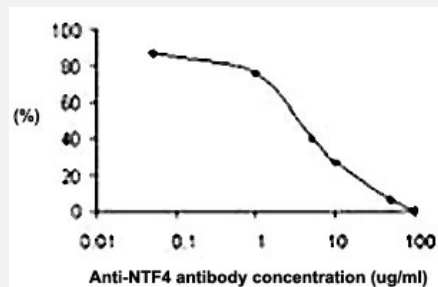


NTF4 polyclonal antibody

Catalog # PAB0760 Size 100 uL

Applications



Enzyme-linked Immunoabsorbent Assay

The effect of NTF4 polyclonal antibody (Cat # PAB0760) on the neurite outgrowth of embryonic dorsal root ganglion promoted by NTF4. The ED50 is approximately 3.6 ug / mL.

Specification

Product Description	Sheep polyclonal antibody raised against full length recombinant NTF4.
Immunogen	Recombinant protein corresponding to full length human NTF4.
Host	Sheep
Reactivity	Human, Monkey, Mouse, Rat
Specificity	Less than 1% cross-reactivity against NGF, recombinant human BDNF and 5% to NT3 has been shown by 1-site ELISA.
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:500-1:2000) ELISA (1:500-1:2000) Western Blot (1:500-1:2000) Inhibition assay (1:10-1:50 in vitro 5-10 ul/g body weight in vivo) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS

Storage Instruction

Store at 4°C on dry atmosphere.
After reconstitution with deionized water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)
- Enzyme-linked Immunoabsorbent Assay

The effect of NTF4 polyclonal antibody (Cat # PAB0760) on the neurite outgrowth of embryonic dorsal root ganglion promoted by NTF4. The ED50 is approximately 3.6 ug / mL.

- Inhibition Assay

Gene Info — NTF4

Entrez GeneID [4909](#)

Protein Accession# [P34130](#)

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)

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](#)