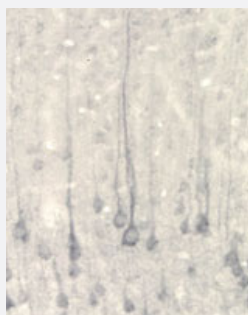


# NTF4 polyclonal antibody

Catalog # PAB0709

Size 500 ug

## Applications



### Immunohistochemistry

Immunohistochemical staining of NTF4 in rat cortex using rabbit NTF4 polyclonal antibody (Cat # PAB0709) .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against full length recombinant NTF4.
<b>Immunogen</b>	Recombinant protein corresponding to full length human NTF4.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Monkey, Mouse, Rat
<b>Specificity</b>	Less than 1% cross-reactivity against NGF, recombinant human BDNF and 5% to NT3 has been shown by dot blot.
<b>Form</b>	Lyophilized
<b>Purification</b>	Protein G purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1-10 ug/mL) ELISA (1-10 ug/mL) Western Blot (1-10 ug/mL) Inhibition assay (1-10 ug/mL in vitro 2-10 ug/mL in vivo) The optimal working dilution should be determined by the end user.

**Storage Buffer**

Lyophilized from PBS

**Storage Instruction**

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

## Applications

- Western Blot
- Immunohistochemistry  
Immunohistochemical staining of NTF4 in rat cortex using rabbit NTF4 polyclonal antibody (Cat # PAB0709) .
- Enzyme-linked Immunoabsorbent Assay
- 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](#)