

# NTF4 polyclonal antibody

Catalog # PAB0708      Size 100 uL

## 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 1-site ELISA.
<b>Form</b>	Lyophilized
<b>Recommend Usage</b>	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.
<b>Storage Buffer</b>	Lyophilized from PBS
<b>Storage Instruction</b>	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
- 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](#)