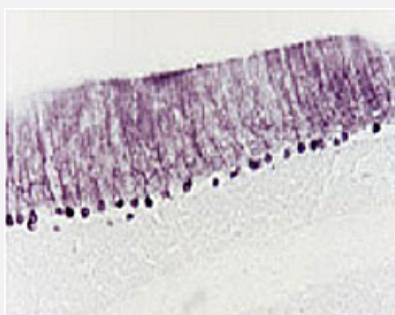


NTF3 polyclonal antibody

Catalog # PAB0744

Size 20 ug

Applications



Immunohistochemistry

Immunohistochemical staining of NTF3 in rat purkinje cells of the cerebellum using rabbit NTF3 polyclonal antibody (Cat # PAB0744) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NTF3.
Immunogen	A synthetic peptide (conjugated with BSA) corresponding to amino acids 139-149 of human NTF3.
Sequence	YAEHKSHRGEY
Host	Rabbit
Reactivity	Chicken, Human, Rat
Specificity	A cross reactivity of less than 0.1% to mouse NGF , recombinant human BDNF and NT4/5 has been shown by dot blot.
Form	Lyophilized
Recommend Usage	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 (ED50) 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
Immunohistochemical staining of NTF3 in rat purkinje cells of the cerebellum using rabbit NTF3 polyclonal antibody (Cat # PAB0744) .
- Enzyme-linked Immunoabsorbent Assay
- Inhibition Assay

Gene Info — NTF3**Entrez GeneID** [4908](#)**Protein Accession#** [P20783;P20181;P18280](#)**Gene Name** NTF3**Gene Alias** HDNF, MGC129711, NGF-2, NGF2, NT3**Gene Description** neurotrophin 3**Omim ID** [162660](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. [provided by RefSeq]

Other Designations -

Pathway

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

Disease

- [Asperger Syndrome](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)