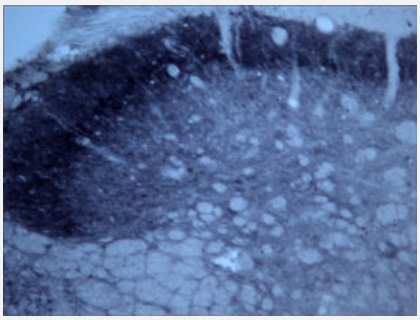
NTRK3 polyclonal antibody

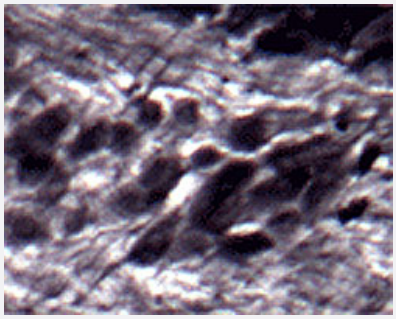
Catalog # PAB0735 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemical staining of NTRK3 in rat dorsal horn (free floating cryostat section) using rabbit NTRK3 polyclonal antibody (Cat # PAB0735) at a dilution of 1 in 3000. Courtesy of Professor Xin Fu Zhou, The Flinders University of South Australia.



Immunohistochemistry

IHC on rat trigeminal nerve (free floating cryo section) using rabbit NTRK3 polyclonal antibody (Cat # PAB0735) at a dilution of 1 : 1000.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant NTRK3.
Immunogen	Recombinant protein corresponding to extracellular region of human NTRK3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:1000-1:3000) The optimal working dilution should be determined by the end user.

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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

- Immunohistochemistry

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Gene Info — NTRK3

Entrez GeneID	4916
Protein Accession#	Q16288
Gene Name	NTRK3
Gene Alias	TRKC, gp145(trkC)
Gene Description	neurotrophic tyrosine kinase, receptor, type 3
Omim ID	191316
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. [provided by RefSeq
Other Designations	ETS related protein-neurotrophic receptor tyrosine kinase fusion protein|ETV6-NTRK3 fusion|NT-3 growth factor receptor|OTTHUMP00000192915|neurotrophin 3 receptor|tyrosine kinase receptor C

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Pathway

- Neurotrophin signaling pathway

Disease

- Anxiety Disorders
- Asperger Syndrome
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Bipolar Disorder
- Depressive Disorder
- Disease Models
- Eating Disorders
- Genetic Predisposition to Disease
- Hirschsprung Disease
- Hypertension
- Mental Disorders
- Mood Disorders
- Neuropsychological Tests
- Obsessive-Compulsive Disorder
- Pancreatic cancer
- Pancreatic Neoplasms
- Panic Disorder
- Pattern Recognition
- Recognition (Psychology)
- Schizophrenia

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- Social Perception
- Tobacco Use Disorder

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