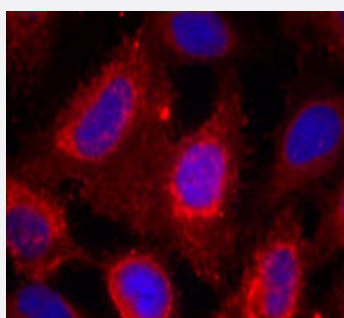


NTRK1 polyclonal antibody

Catalog # PAB26824 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using NTRK1 polyclonal antibody (Cat # PAB26824 red).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NTRK1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to residues surrounding Y791 of human NTRK1.
Sequence	P-V-Yp-L-D
Host	Rabbit
Theoretical MW (kDa)	140
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using NTRK1 polyclonal antibody (Cat # PAB26824 red).

Gene Info — NTRK1

Entrez GeneID[4914](#)**Protein Accession#**[P04629](#)**Gene Name**

NTRK1

Gene Alias

DKFZp781114186, MTC, TRK, TRK1, TRKA, p140-TrkA

Gene Description

neurotrophic tyrosine kinase, receptor, type 1

Omim ID[155240](#) [191315](#) [256800](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq]

Other Designations

OTTHUMP00000038736|Oncogene TRK|high affinity nerve growth factor receptor|tyrosine kinase receptor A

Pathway

- [Apoptosis](#)

- [Endocytosis](#)

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hereditary Sensory and Autonomic Neuropathies](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Mental Disorders](#)
- [Neuroblastoma](#)
- [Social Perception](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)