

NTRK1 (Human) Cell-Based ELISA Kit

Catalog # KA3417

Size 1 Kit

Specification

Product Description	NTRK1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of NTRK1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — NTRK1

Entrez GeneID	4914
Gene Name	NTRK1
Gene Alias	DKFZp781I14186, 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](#)