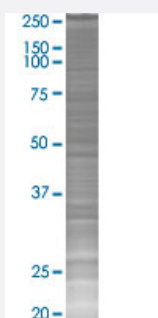


NTRK2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004915-T02

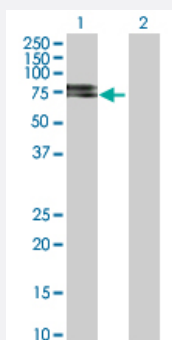
Size 100 uL

Applications



SDS-PAGE Gel

NTRK2 transfected lysate.



Western Blot

Lane 1: NTRK2 transfected lysate (53.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-NTRK2 full-length

Host Human

Theoretical MW (kDa) 53.1

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NTRK2 antibody ([H00004915-D01P](#)) by Western Blots.

SDS-PAGE Gel

NTRK2 transfected lysate.

Western Blot

Lane 1: NTRK2 transfected lysate (53.10 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NTRK2

Entrez GeneID	4915
GeneBank Accession#	NM_001007097.1
Protein Accession#	NP_001007098.1
Gene Name	NTRK2
Gene Alias	GP145-TrkB, TRKB
Gene Description	neurotrophic tyrosine kinase, receptor, type 2
Omim ID	600456
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. Mutations in this gene have been associated with obesity and mood disorders. Alternate transcriptional splice variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	BDNF/NT-3 growth factors receptor OTTHUMP00000021573 OTTHUMP00000021574 OTTHUMP00000021575 OTTHUMP00000021576 OTTHUMP00000021577 tyrosine kinase receptor B

Pathway

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

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Avoidance Learning](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Obsessive-Compulsive Disorder](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)

- [Sleep Disorders](#)
- [Social Perception](#)
- [Stress Disorders](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)