

DNAxPAb

Hard-to-Find
Antibody

NTRK2 DNAxPab

Catalog # H00004915-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human NTRK2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MSSWIRWHGPAMARLWGFCWLVGFWRAAFACPTSCCKCSASRWCSDPSPGVAFPRLPNS
VDPENITEIFIANQKRLEIINEDDVEAYVGLRNLTVDSGLKFVAHKAFLKNSNLQHINFTRNKL TSLSR
KHFRHLDLSELILVGNPFTCSCDIMWIKTLQEAKSSPDQTQDLYCLNESSKNIPLANLQIPNCGLP
SA
NLAAPNLVVEEGKSITLSCSVAGDPVPNMYWDVGNLVSKHMNETSHTQGSLRITNISSDDSGKQIS
CVAENLVGEDQDSVNLTVHFAPTITFLESPTSDHHWCIPFTVKGNPKPALQWFYNGAILNESKYIC
TKIHVTNHTEYHGCLQLDNPTHMNGDYTLAKNEYGKDEKQISAHFMGWPGIDGANPNYPDVY
EDYGTAANDIGD TTNRSNEIPSTDVTDKTGREHLSVYAVVVIASVVGFCLLVMLFLLKLARHSKFG
MKG FVL FHKIPLDG

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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](#)