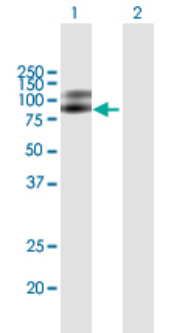
MaxPab®

NTRK2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004915-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NTRK2 expression in transfected 293T cell line (H00004915-T01) by NTRK2 MaxPab polyclonal antibody.

Lane 1: NTRK2 transfected lysate(52.47 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NTRK2 protein.
Immunogen	NTRK2 (NP_001007098.1, 1 a.a. ~ 477 a.a) full-length human protein.
Sequence	MSSWIRWHGPAMARLWGFCWLVVGFWRAAFACPTSCKCSASRIWCSDPSPGIVAFPRLEPNS VDPENITEIFIANQKRLEIINEDDVEAYVGLRNLTIVDSGLKFVAHKAFLKNSNLQHINFTRNKLTSLSR KHFRHLDLSELILVGNPFTCSCDIMWIKTLQEAKSSPDTQDLYCLNESSKNIPLANLQIPNCGLPSA NLAAPNLTVEEGKSITLSCSVAGDPVPNMYWDVGNLVSKHMNETSHTQGSLRITNISSDDSGKQIS CVAENLVGEDQDSVNLTVHFAPTITFLESPTSDHHWCIPFTVKGNPKPALQWFYNGAILNESKYIC TKIHVTNHTEYHGCLQLDNPTHMNNGDYTLIAKNEYGKDEKQISAHFMGWPGIDDGANPNYPDVIY EDYGTAANDIGDTTNRSNEIPSTDVTDKTGREHLSVYAVVVIASVVGFCLLVMLFLLKLARHSKFG MKGFVLFHKIPLDG
Host	Mouse
Reactivity	Human
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.

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  Protocol Download

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