

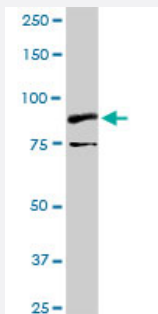
MaxPab®

NTRK2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004915-D01P

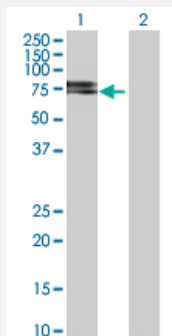
Size 100 ug

Applications



Western Blot (Tissue lysate)

NTRK2 MaxPab rabbit polyclonal antibody. Western Blot analysis of NTRK2 expression in human stomach.

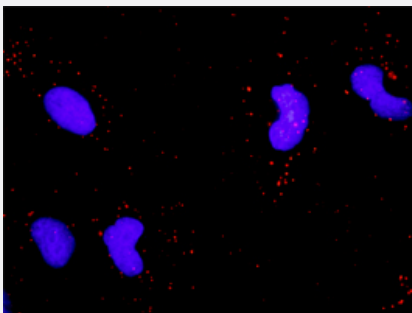


Western Blot (Transfected lysate)

Western Blot analysis of NTRK2 expression in transfected 293T cell line ([H00004915-T02](#)) by NTRK2 MaxPab polyclonal antibody.

Lane 1: NTRK2 transfected lysate(53.10 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between NTRK2 and NTF4. HeLa cells were stained with anti-NTRK2 rabbit purified polyclonal 1:1200 and anti-NTF4 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit 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	MSSWIRWHGPAMARLWGFCWLVGFWRAAFACPTSCCKCSASRWCSDPSPGIVAFPRLEPNS VDPENITEIFIANQKRLEIINEDDVEAYVGLRNLTVD SGLKFVAHKAFLKNSNLQHINFTRNKLTSLSR KHFRHLDLSELILVGNPFTCSCDIMWIKTLQEAKSSPD TQDL YCLNESSKNIPLANLQIPNCGLPSA NLAAPNLVVEEGKSITLSCSVAGDPVPNMYWDVGNLVSKHMNETSHTQGSLRITNISSDDSGKQIS CVAENLVGEDQDSVNLTVHFAPTITFLESPTSDHHWCIPFTVKG NPKPALQWFYNGAILNESKYIC TKIHVTNHTEYHGCLQLDNPTHMNGDYTLIAKNEYGKDEKQISAHFMGWPGIDDGANPNYPDVIY EDYGTAANDIGD TTNR SNEIPSTDVTDKTGREHLSVYAVVVIASVVGFCLLVMLFLLKLARHSKFG MKG FVL FHKIPLDG
Host	Rabbit
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.

Applications

- Western Blot (Tissue lysate)

NTRK2 MaxPab rabbit polyclonal antibody. Western Blot analysis of NTRK2 expression in human stomach.

[Protocol Download](#)

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- In situ* Proximity Ligation Assay (Cell)

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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](#)
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- [Tobacco Use Disorder](#)
- [Weight Gain](#)