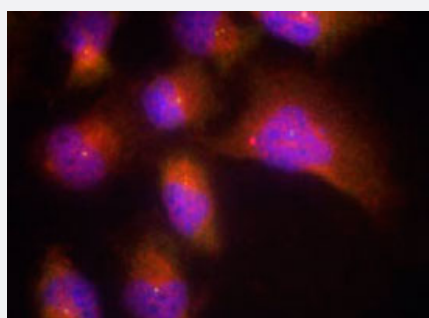


NTRK2 (phospho Y515) polyclonal antibody

Catalog # PAB25893 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using NTRK2 (phospho Y515) polyclonal antibody (Cat # PAB25893, red).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of NTRK2.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y515 of human NTRK2.
Sequence	P-Q-Y-Fp-G
Host	Rabbit
Theoretical MW (kDa)	140
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using NTRK2 (phospho Y515) polyclonal antibody (Cat # PAB25893, red).

Gene Info — NTRK2

Entrez GeneID[4915](#)**Protein Accession#**[Q15418](#)**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](#)
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- [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](#)