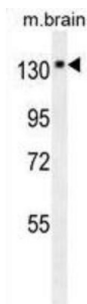


## Neurotrophic Receptor Tyrosine Kinase 1 (NTRK1) Antibody

Catalogue No.: abx025227



This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.

<b>Target:</b>	Neurotrophic Receptor Tyrosine Kinase 1 (NTRK1)
<b>Clonality:</b>	Monoclonal
<b>Reactivity:</b>	Mouse
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Human NTRK1 recombinant protein.
<b>Isotype:</b>	IgG <sub>1</sub> Kappa
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P04629 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )

# Datasheet

Version: 1.0.0

Revision date: 11 Jul 2025



**KEGG:** hsa:4914

**String:** [9606.ENSP00000431418](#)

**Molecular Weight:** Calculated MW: 87.5 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only