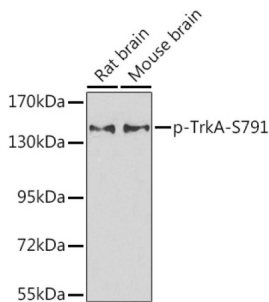


## NTRK1 (pS791) Antibody

Catalogue No.: abx000323



Western blot analysis of lysates from rat and mouse brain tissue using Phospho-TrkA-S791 Antibody. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA.

NTRK1 (pS791) Antibody is a Rabbit Polyclonal antibody against NTRK1 (pS791). 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>	NTRK1 (pS791)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	A phospho specific peptide corresponding to residues surrounding S791 of human TrkA
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<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: 3.0.0  
Revision date: 31 Jan 2025



**Gene Symbol:** NTRK1

**GeneID:** [4914](#)

**KEGG:** hsa:4914

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

**Molecular Weight:** Calculated MW: 87 kDa  
Observed MW: 140 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** > 0.2 mg/ml

**Note:** This product is for research use only.

For Reference Only