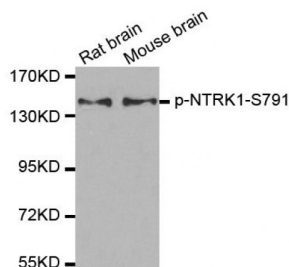


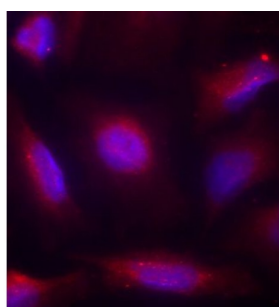
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## NTRK1 (pS791) Antibody

Catalogue No.: abx000323



Western blot analysis of extracts from rat and mouse brain tissue using Phospho-NTRK1-S791 antibody (abx000323).



Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-NTRK1-S791 antibody (abx000323).

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.

**Target:** NTRK1 (pS791)

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IF/ICC

**Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Synthetic Peptide. A phospho specific peptide corresponding to residues surrounding S791 of human NTRK1.

**Purification:** Affinity purified.

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<b>Form:</b>	Liquid
<b>Isotype:</b>	IgG
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Molecular Weight:</b>	Calculated MW: 77 kDa/83 kDa/86 kDa/87 kDa Observed MW: 140 kDa
<b>Swiss Prot:</b>	<a href="#">P04629</a>
<b>GeneID:</b>	<a href="#">4914</a>
<b>Gene Symbol:</b>	NTRK1
<b>Concentration:</b>	> 1 mg/ml
<b>Buffer:</b>	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
<b>Note:</b>	This product is for research use only.