

Phospho-TrkA-S791 Rabbit pAb

Catalog No.: AP0272 **1 Publications**

Basic Information

Observed MW

140kDa

Calculated MW

87kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Background

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, cognitive disability and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4914

Swiss Prot

P04629

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA; Phospho-TrkA-S791

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

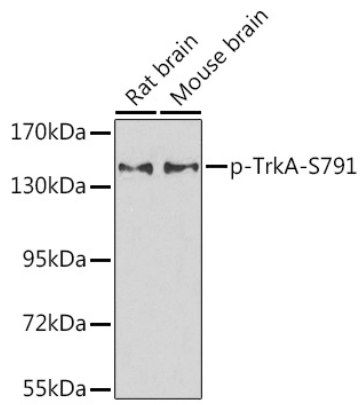
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from rat and mouse brain tissue using Phospho-TrkA-S791 Rabbit pAb (AP0272).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.