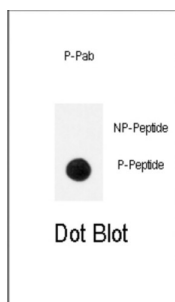


TrkA (pY791) Antibody

Catalogue No.: abx031926



TrkA is 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 the TrkA gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer.

Target: TrkA (pY791)

Clonality: Polyclonal

Target Modification: Tyr791

Modification: Phosphorylation

Reactivity: Human

Tested Applications: ELISA, WB, DB

Host: Rabbit

Recommended dilutions: WB: 1/1000, DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y791 of human TrkA.

Isotype: IgG

Form: Liquid

Purification: Purified by protein G affinity chromatography. Then, the antibody fraction was peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody was eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Datasheet

Version: 2.0.0

Revision date: 07 Sep 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P04629 ([UniProt](#), [ExPASy](#))

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