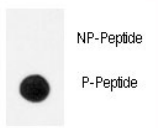
Phospho-TrkA Antibody (pY791) (F48462)

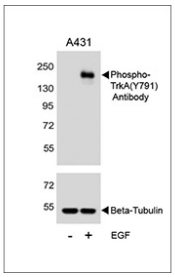
Catalog No.	Formulation	Size
F48462-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48462-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P04629
Applications	Dot blot: 1:500 Western blot: 1:500-1:1000
Limitations	This phospho-TrkA antibody is available for research use only.



Dot blot analysis of phospho-TrkA antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.



Western blot testing of lysate from human A431 cells that were untreated (-) or treated (+) with 100 ng/ml of EGF, using Phospho-TrkA antibody and Beta-Tubulin antibody (loading control).

Description

TrkA is a member of the neurotrophic tyrosine kinase receptor (NTKR) 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.

Application Notes

Titration of the phospho-TrkA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This phospho-TrkA antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pY791 of human TrkA.

Storage

Aliquot the phospho-TrkA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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