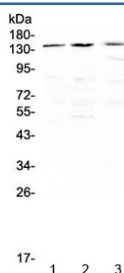


## TrkA Antibody (RQ4398)

Catalog No.	Formulation	Size
RQ4398	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P04629
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This TrkA antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) SGC-7901 and 3) THP-1 cell lysate with TrkA antibody at 0.5ug/ml. Expected molecular weight: 85~140 kDa depending on glycosylation level.

## Description

Neurotrophic tyrosine kinase receptor type 1, also called Trk-A, is a protein that in humans is encoded by the NTRK1 gene. The NTRK1 gene encodes the neurotrophic tyrosine kinase-1 receptor and belongs to a family of nerve growth factor receptors whose ligands include neurotrophins. This gene is mapped to 1q23.1. 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.

## Application Notes

Optimal dilution of the TrkA antibody should be determined by the researcher.

## Immunogen

Amino acids EVYAIMRGCWQREPQQRHSIKDVHARLQALAQAPPVYLDVL from the human protein were used as the immunogen for the TrkA antibody.

## Storage

After reconstitution, the TrkA antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.