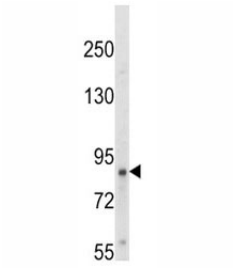
TrkA Antibody / NTRK1 (F50683)

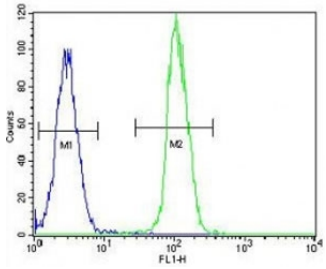
Catalog No.	Formulation	Size
F50683-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50683-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

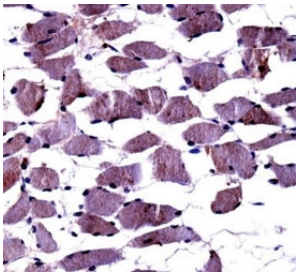
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P04629
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50 IHC (Paraffin): 1:10-1:50
Limitations	This TrkA antibody is available for research use only.



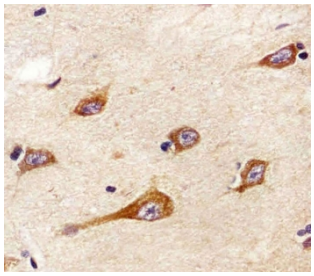
Western blot analysis of TrkA antibody and HepG2 lysate. Observed molecular weight: 85~140 kDa depending on glycosylation level.



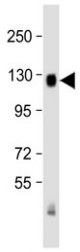
TrkA antibody flow cytometric analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



TrkA antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.



TrkA antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.



Western blot analysis of TrkA antibody and mouse brain lysate. Observed molecular weight: 85~140 kDa depending on glycosylation level.

Description

TRKA (also known as NTRK1) 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 TrkA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 769-796 from the human protein was used as the immunogen for this TrkA antibody.

Storage

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

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