Product Name: **Trk pan Rabbit Monoclonal Antibody**
Catalog #: **AMRe21192**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:87kD;Observed MW:120-140kD

Antigen Information

Gene Name	NTRK1
Alternative Names	NTRK1;MTC;TRK;TRKA;High affinity nerve growth factor receptor;Neurotrophic tyrosine kinase receptor type 1;TRK1-transforming tyrosine kinase protein;Tropomyosin-related kinase A;Tyrosine kinase receptor;Tyrosine kinase receptor A;
Gene ID	4914;4915;4916;
SwissProt ID	P04629;Q16288;Q16620;
Immunogen	

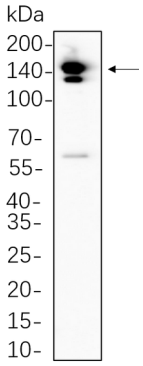
Background

Cell localization:Membrane.This gene encodes 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 this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq, Jul 2008],

Research Area

Image Data



IMR-32 cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with Trk pan Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.