Recombinant Trk pan Monoclonal Antibody

catalog number: **AN300735L**

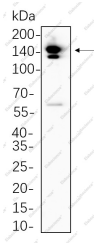
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Trk pan protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C170359
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

Data



Western Blot with Recombinant Trk pan Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: IMR-32 cell lysate.

Observed-MW:120-140 kDa

Calculated-MW:87 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

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 behavio r, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.

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