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**Product Name: Trk (pan) Rabbit Monoclonal Antibody****Catalog #: AMRe87737**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:88,92,94 kDa; Observed MW:120-140 kDa

**Antigen Information**

<b>Gene Name</b>	Trk (pan)
<b>Alternative Names</b>	MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA
<b>Gene ID</b>	4914, 4915, 4916
<b>SwissProt ID</b>	P04629, Q16620, Q16288
<b>Immunogen</b>	A synthetic peptide of human Trk (pan)

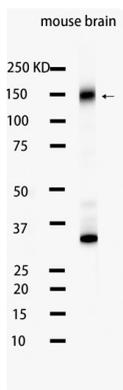
**Background**

This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this

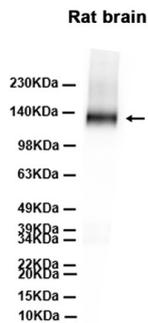
kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, cognitive disability and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse brain tissue using Trk (pan) Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from Rat brain tissue using AMRe87737 at 1:1000.