Product Name: TrkB Rabbit Monoclonal Antibody
Catalog #: AMRe86702
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	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.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:200,IP 1:10-1:100
Molecular Weight	Calculated MW:92 kDa; Observed MW:140,90 kDa

Antigen Information

Gene Name	TrkB
Alternative Names	OBHD; TRKB; trk-B; GP145-TrkB
Gene ID	4915
SwissProt ID	Q16620
Immunogen	A synthetic peptide of human TrkB

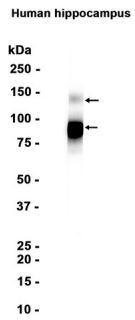
Background

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

kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Research Area

Image Data



Western blot analysis of extracts from Human hippocampus tissue using TrkB Rabbit Monoclonal Antibody at 1:1000.