

Basic Information

Product Name	Anti-TrkB/NTRK2 Antibody (Clone#OTI2E1)	
Gene Name	NTRK2	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG1	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF	
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Immunogen	Full-length protein expressed in 293T cell transfected with human NTRK2 expression vector	
Concentration	500 ug/ml	
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Observed MW	92 kDa	
Dilution Ratios	Western blot (WB):	1:1000
	Immunohistochemistry (IHC):	1:150
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:100

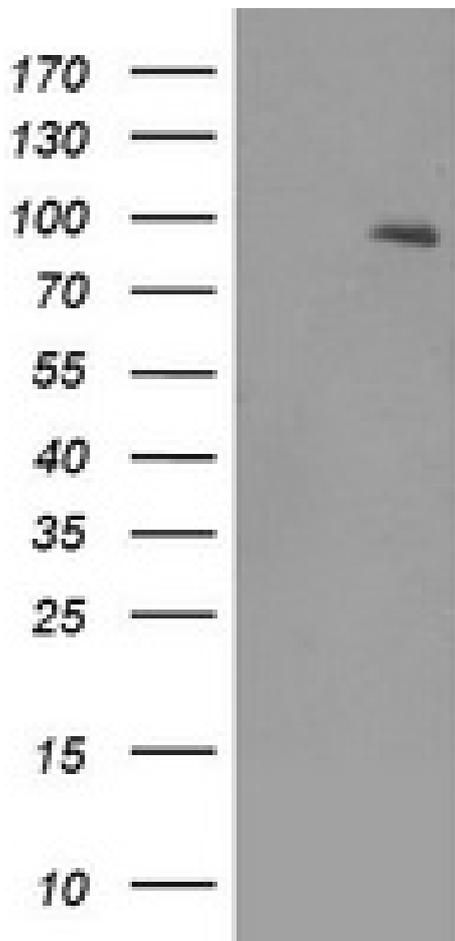
Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

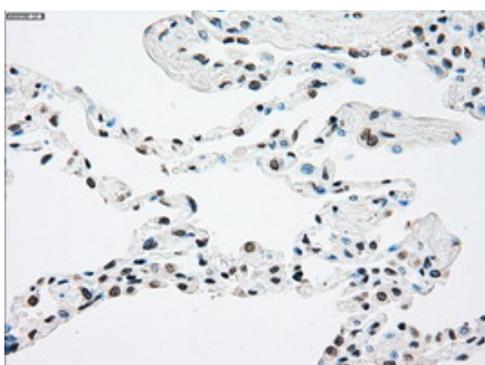
Background Information

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. Alternate transcriptional splice variants encoding different isoforms have been found for this gene

Selected Validation Data



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NTRK2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NTRK2(Cat# M01388-1).



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-NTRK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M01388-1)

Product datasheet

**Anti-TrkB/NTRK2 Antibody
(Clone#OTI2E1)**

Catalog Number: M01388-1

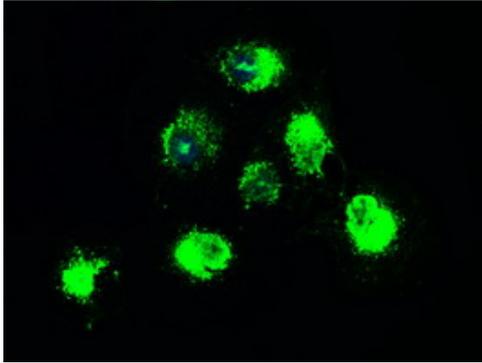
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Anti-NTRK2 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NTRK2 .