

Product datasheet for **TA500539BM**

TrkC (NTRK3) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI19B8]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI19B8 |
| Applications: | WB |
| Recommended Dilution: | WB 1:500 |
| Reactivity: | Human, Dog, Rat, Mouse |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full-length protein expressed in 293T cell transfected with human NTRK3 expression vector |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 94.4 kDa |
| Gene Name: | neurotrophic receptor tyrosine kinase 3 |
| Database Link: | NP_001007157 Entrez Gene 18213 Mouse Entrez Gene 29613 Rat Entrez Gene 100856261 Dog Entrez Gene 4916 Human Q16288 |

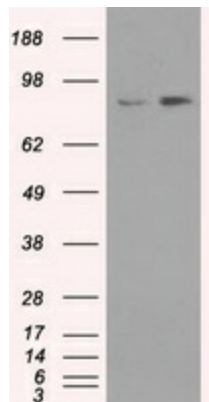
Background: This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers.



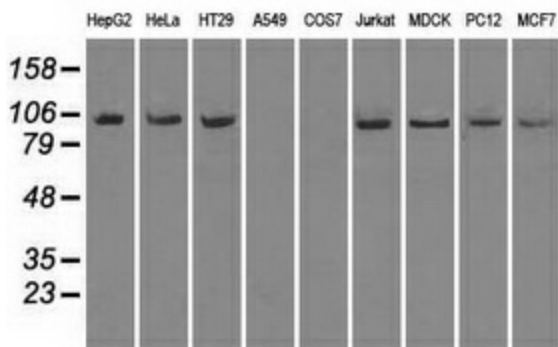
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Synonyms: gp145(trkC); TRKC
Protein Families: Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways: Neurotrophin signaling pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NTRK3 ([RC203781], 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-NTRK3.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NTRK3 monoclonal antibody.