

## Product datasheet for **TA339188**

### TrkC (NTRK3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NTRK3 antibody: synthetic peptide directed towards the C terminal of human NTRK3. Synthetic peptide located within the following region: ERPRVCPKEYVDVMLGCWQREPQQRNLNIKEIYKILHALGKATPIYLDILG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	89 kDa
Gene Name:	neurotrophic receptor tyrosine kinase 3
Database Link:	<a href="#">NP_002521</a> <a href="#">Entrez Gene 29613 Rat</a> <a href="#">Entrez Gene 4916 Human</a> <a href="#">Q16288</a>



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**Background:**

NTRK3 is 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. 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.

**Synonyms:**

gp145(trkC); TRKC

**Note:**

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 92%

**Protein Families:**

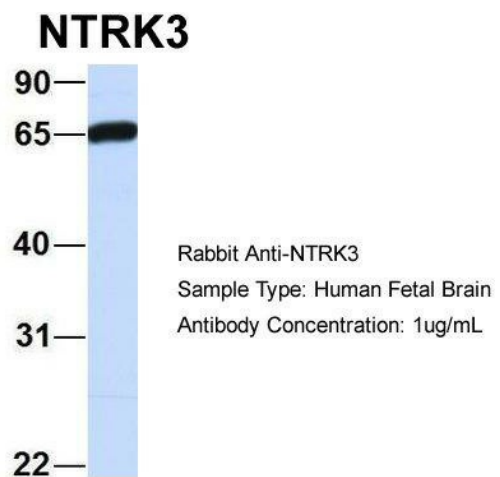
Druggable Genome, Protein Kinase, Transmembrane

**Protein Pathways:**

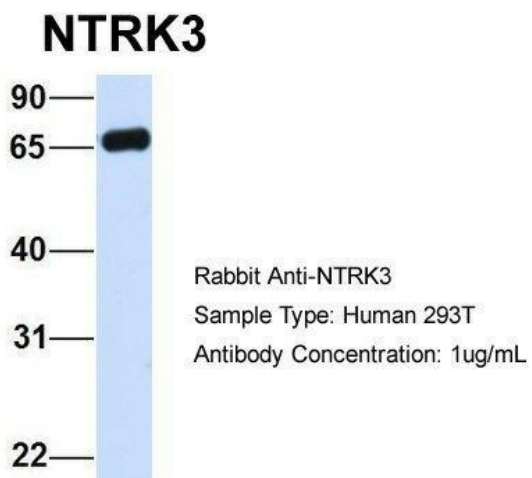
Neurotrophin signaling pathway

**Product images:**

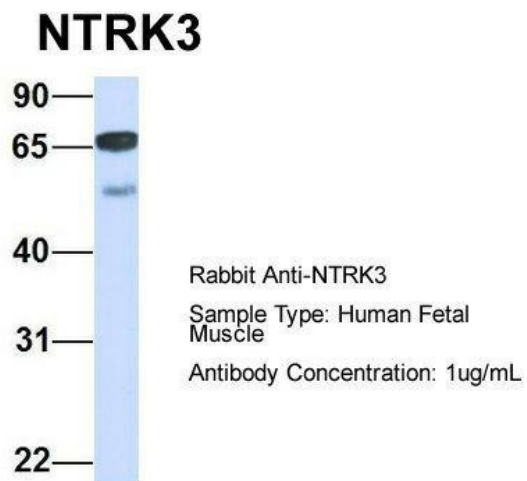
WB Suggested Anti-NTRK3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Liver



2Hum. Fetal Brain; Host: Rabbit; Target Name: NTRK3; Sample Tissue: Human Fetal Brain; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: NTRK3; Sample Tissue: Human 293T; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: NTRK3; Sample Tissue: Human Fetal Muscle; Antibody Dilution: 1.0 ug/ml