

## Rabbit NTRK1 Polyclonal Antibody | anti-NTRK1 antibody

NTRK1 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA177276</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

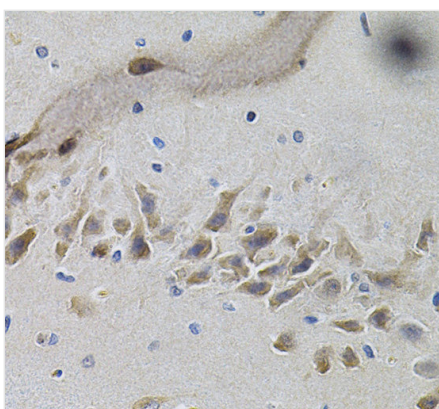
### PRODUCT SYNONYMS

NTRK1; Polyclonal Antibody; NTRK1 Polyclonal Antibody; MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA; anti-NTRK1 antibody

### PRODUCT SPECIFICATIONS

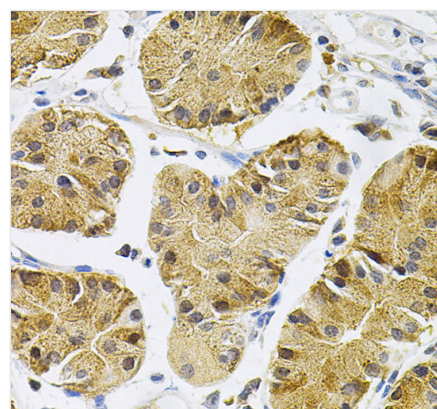
|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Host                                            | Rabbit                                           |
| Reactivity                                      | Human, Mouse, Rat                                |
| Clonality                                       | Polyclonal                                       |
| Isotype                                         | IgG                                              |
| Purity/Purification                             | Affinity purification                            |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3 |
| Concentration                                   | 1mg/mL (varies by lot)                           |
| Applicable Applications for anti-NTRK1 antibody | IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                       | A synthetic peptide of human NTRK1 (NP_0025202)  |
| Conjugation                                     | Unconjugated                                     |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles. |

### IMAGES



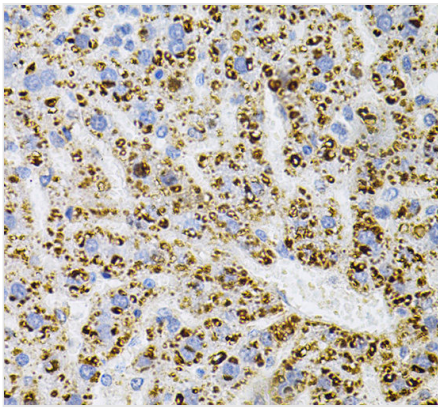
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using NTRK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



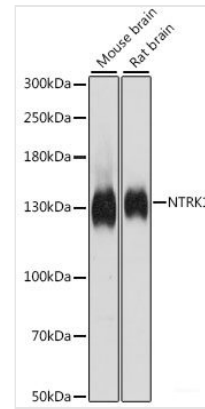
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human stomach using NTRK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat liver using NTRK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines using NTRK1 Polyclonal Antibody at dilution of 1:500.

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-NTRK1 antibody</b> | 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, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. |
| <b>Product Categories/Family for anti-NTRK1 antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Neuroscience</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 56118210                                                                                                                                                                                                                                                |
| <b>NCBI GeneID</b>                      | 4914                                                                                                                                                                                                                                                    |
| <b>NCBI Accession #</b>                 | <a href="#">NP_001007793.1</a>                                                                                                                                                                                                                          |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_001007792.1</a>                                                                                                                                                                                                                          |
| <b>UniProt Accession #</b>              | <a href="#">P04629</a> ; <a href="#">P08119</a> ; <a href="#">Q15655</a> ; <a href="#">Q15656</a> ; <a href="#">Q5D056</a> ; <a href="#">Q5VZS2</a> ; <a href="#">Q7Z5C3</a> ; <a href="#">Q9UIU7</a> ; <a href="#">B2R6T5</a> ; <a href="#">B7ZM34</a> |
| <b>Molecular Weight</b>                 | 87,497 Da                                                                                                                                                                                                                                               |
| <b>NCBI Official Full Name</b>          | high affinity nerve growth factor receptor isoform 3                                                                                                                                                                                                    |
| <b>NCBI Official Synonym Full Names</b> | neurotrophic tyrosine kinase, receptor, type 1                                                                                                                                                                                                          |
| <b>NCBI Official Symbol</b>             | NTRK1                                                                                                                                                                                                                                                   |
| <b>NCBI Official Synonym Symbols</b>    | MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA                                                                                                                                                                                                                  |
| <b>NCBI Protein Information</b>         | high affinity nerve growth factor receptor; gp140trk; Oncogene TRK; tyrosine kinase receptor A; tropomyosin-related kinase A; TRK1-transforming tyrosine kinase protein                                                                                 |
| <b>UniProt Protein Name</b>             | High affinity nerve growth factor receptor                                                                                                                                                                                                              |
| <b>UniProt Gene Name</b>                | <b>NTRK1</b>                                                                                                                                                                                                                                            |
| <b>UniProt Synonym Gene Names</b>       | MTC; TRK; TRKA; Trk-A                                                                                                                                                                                                                                   |
| <b>UniProt Entry Name</b>               | NTRK1_HUMAN                                                                                                                                                                                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

