

Anti-TrkB Antibody (3K749)

Product Details

| | |
|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Mouse,Rat |
| Molecular Weight: | Theoretical: 92 kDa. Actual: 140,90 kDa. |
| Clone: | 3K749 |
| Purification: | Protein A purified |

Applications

| | |
|--------------------|---|
| Verified Activity: | <ol style="list-style-type: none">1. (Negative control) Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TrkB Monoclonal Antibody, Unconjugated (TMAB-13821) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.2. (Negative control) Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TrkB Monoclonal Antibody, Unconjugated (TMAB-13821) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.3. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TrkB Monoclonal Antibody, Unconjugated (TMAB-13821) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.4. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with TrkB Monoclonal Antibody, Unconjugated (TMAB-13821) at 1: 200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.5. 25 µg total protein per lane of various lysates (see on figure) probed with TrkB monoclonal antibody, unconjugated (TMAB-13821) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. |
| Application: | IHC-Fr,IHC-P,IF,WB |
| Recommended | IHC-Fr: 1:100-500; IHC-P: 1:100-500; IF: 1:100-500; WB: 1:500-2000 |

Properties

| | |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

Immunogen: A synthesized peptide: mouse Trk B
Antigen Species: Mouse
Gene ID: 18212
Uniprot ID: P15209

Research 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. Alternate transcriptional splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481