

### **UK Office**

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

## EB07545 - Goat Anti-CNTFR Antibody

Size: 100µg specific antibody in 200µl

# **C**

### **Target Protein**

Principal Names: CNTFR, ciliary neurotrophic factor receptor, MGC1774, CNTFR alpha, ciliary neurotrophic factor receptor alpha precursor Official Symbol: CNTFR Accession Number(s): NP\_671693.1; NP\_001833.1 Human GenelD(s): 1271 Non-Human GenelD(s): 12804 (mouse), 313173 (rat) Important Comments: This antibody is expected to recognise both reported isoforms (NP\_671693.1; NP\_001833.1).

#### Immunogen

Peptide with sequence CRSNTYPKGFY, from the internal region of the protein sequence according to NP\_671693.1; NP\_001833.1.

Please note the peptide is available for sale.

### **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

**Western blot:** Approx 38-40kDa band observed in mouse brain lysates (calculated MW of 40.8kDa according to mouse NP\_057882.1). Recommended concentration: 0.3-1µg/ml.

#### **Species Reactivity**

Tested: Mouse Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07545 (0.3µg/ml) staining of mouse brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.