

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB07545 - Goat Anti-CNTFR Antibody

Size: 100µg specific antibody in 200µl



## **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 GeneID(s): 1271

Non-Human GeneID(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 (0.3 $\mu$ g/ml) staining of mouse brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.