

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10527 - Goat Anti-CNTF Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ciliary neurotrophic factor, HCNTF, CNTF

**Official Symbol:** CNTF

**Accession Number(s):** NP\_000605.1

**Human GeneID(s):** [1270](#)

**Non-Human GeneID(s):** 12803 (mouse), 25707 (rat)

### Immunogen

Peptide with sequence C-SIHDLRFISSHQ, from the internal region of the protein sequence according to NP\_000605.1.

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

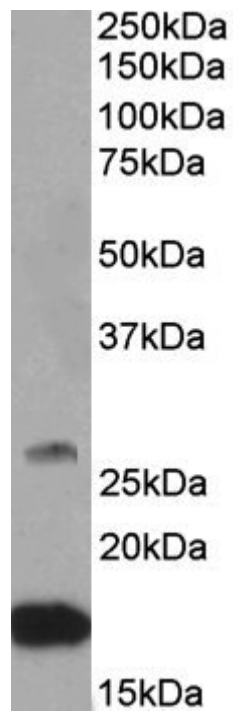
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx 17+28kDa bands observed in Human, Mouse and Rat Brain lysates (calculated MW of 22.9kDa according to Human NP\_000605.1 and 22.6kDa according to Mouse NP\_740756.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.5-2µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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



EB10527 (0.5 $\mu$ g/ml) staining of Mouse Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.