



## UK Office

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

## EB08482 - Goat Anti-Neurotrophin 5 / NT4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NT4, neurotrophin 5 (neurotrophin 4/5), NTF5, NT-4/5, NT5, NTF4, neurotrophic factor 4, neurotrophic factor 5, neurotrophin 4, neurotrophin 5

**Official Symbol:** NTF5

**Accession Number(s):** NP\_006170.1

**Human GeneID(s):** [4909](#)

### Immunogen

Peptide with sequence FETRCKADNAEEG, from the internal region of the protein sequence according to NP\_006170.1.

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 1:32000.

**Western blot:** Approx 55kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 22.4kDa according to NP\_006170.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Ghinelli et al, Invest Ophthalmol Vis Sci. 2003 Aug;44(8):3352-7; PMID: 12882781). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08482 (0.1 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.