



## UK Office

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

## EB06775 - Goat Anti-NGFR Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NGFR, nerve growth factor receptor (TNFR superfamily, member 16), HGNC:7809, TNFRSF16, p75(NTR), p75NTR, CD271, low affinity nerve growth factor receptor, low-affinity nerve growth factor receptor, Gp80-LNGFR, nerve growth factor receptor

**Official Symbol:** NGFR

**Accession Number(s):** NP\_002498.1

**Human GeneID(s):** [4804](#)

### Immunogen

Peptide with sequence C-AKREEVEKLLNG, from the internal region of the protein sequence according to NP\_002498.1.

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 75kDa band observed in Human Duodenum and Human Heart lysates (calculated MW of 45.2kDa according to NP\_4804). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Nykjaer et al, Curr Opin Neurobiol. 2005 Feb;15(1):49-57). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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

EB06775 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.