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