Product datasheet

Anti-p75NTR/NGFR Antibody (Clone#DBO-14)

Catalog Number: *BM4278*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-p75NTR/NGFR Antibody (Clone#DBO-14)
Gene Name	NGFR
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, IP
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human p75 NGF Receptor
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	45 kDa,75 kDa
Dilution Ratios	Western blot (WB): 1:10000-20000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 ImmunoPrecipitation (IP): 1:50

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

The low-affinity nerve growth factor receptor (nerve growth factor receptor (TNFR superfamily, member 16), also called the LNGFR or p75 neurotrophin receptor) is one of the two receptor types for the neurotrophins, a family of protein growth factors that stimulate neuronal cells to survive and differentiate. LNGFR is a member of the tumor necrosis factor receptor (TNF receptor)superfamily indeed, LNGFR was the first member of this large family of receptors to be characterized. It is mapped to 17q21.33. Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain.

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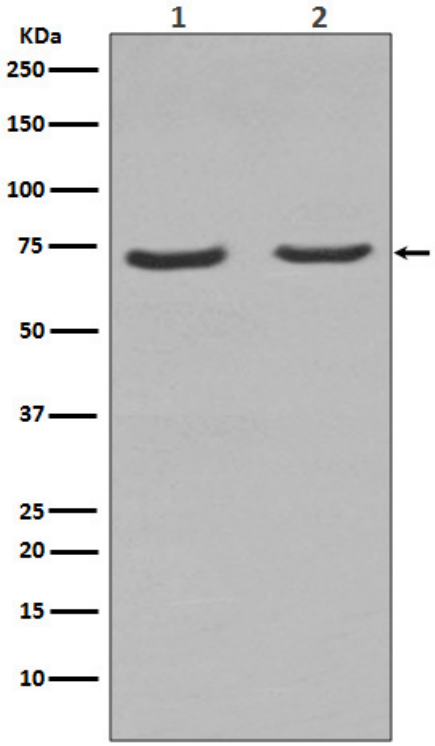
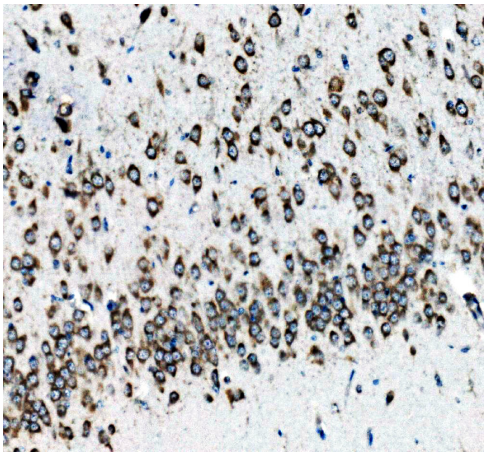
Reference

Anti-p75NTR/NGFR Antibody (Clone#DBO-14)被引用在1文献中。

Selected Validation Data



Western blot analysis of NGFR expression in (1) C6 cell lysate; (2) PC-12 cell lysate.



IHC analysis of NGFR using anti-NGFR antibody (BM4278) .
NGFR was detected in a paraffin-embedded section of rat brain tissue. The tissue section was incubated with rabbit anti-NGFR Antibody (BM4278) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.