

# p75NTR/NGFR Rabbit pAb

Catalog No.: A11169SP **1 Publications**

## Basic Information

### Observed MW

60-75 kDa

### Calculated MW

45 kDa/36 kDa

### Category

Primary antibody

### Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

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.

## Recommended Dilutions

**WB** 1:1000 - 1:2000

**IHC-P** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ( $\geq 1:10000$ ) a sequential dilution method is strongly recommended to ensure measurement accuracy.

## Immunogen Information

### Gene ID

4804/18053

### Swiss Prot

P08138/Q9Z0W1

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

## Contact

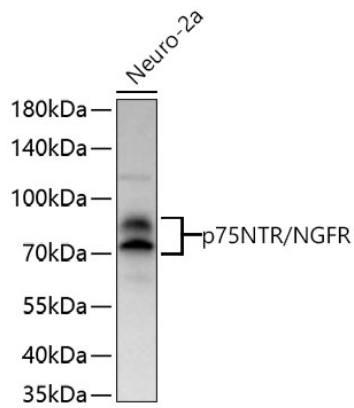
 | 400-999-6126

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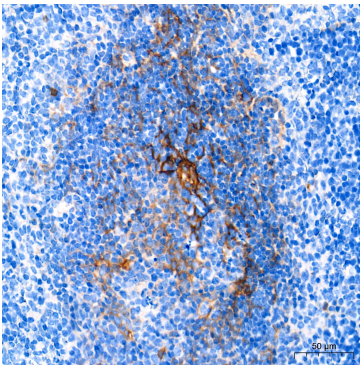
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## Validation Data

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Western blot analysis of lysates from Neuro-2a cells using p75NTR/NGFR Rabbit pAb (A11169SP) at 1:1000 dilution incubated at room temperature for 1.5 hours.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45 s.



Immunohistochemistry analysis of paraffin-embedded mouse spleen tissue using p75NTR/NGFR Rabbit pAb (A11169SP) at a dilution of 1:1500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.