

## Rabbit CD271 Polyclonal Antibody | anti-NGFR antibody

CD271 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY                               | APPLICATIONS                              |
|-----------|--------|------------------------------------------|-------------------------------------------|
| AAA288200 | Rabbit | Human (Predicted Reactivity: Mouse, Rat) | Immunohistochemistry, ELISA, Western Blot |

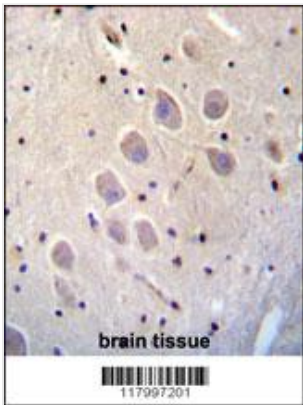
### PRODUCT SYNONYMS

CD271; Polyclonal Antibody; CD271 Antibody (C-term); Tumor necrosis factor receptor superfamily member 16; Gp80-LNGFR; Low affinity neurotrophin receptor p75NTR; Low-affinity nerve growth factor receptor; NGF receptor; p75 ICD; NGFR; TNFRSF16; anti-NGFR antibody

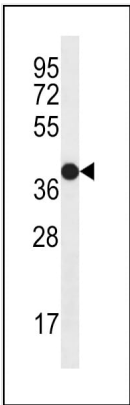
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human (Predicted Reactivity: Mouse, Rat)                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This CD271 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 353-380 amino acids from the C-terminal region of human CD271.       |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                  | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                             | 353-380                                                                                                                                                                      |
| Sequence Length                                | 427                                                                                                                                                                          |
| Applicable Applications for anti-NGFR antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
CD271 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CD271 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
CD271 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the CD271 antibody detected the CD271 protein (arrow).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NGFR antibody | 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. |
| Product Categories/Family for anti-NGFR antibody   | Neuroscience; <a href="#">Signal Transduction</a>                                                                                                                                                                                                                                                                                                 |
| References                                         | Boiko, A.D., et al. Nature 466(7302):133-137(2010)<br>Ceni, C., et al. J. Cell. Sci. 123 (PT 13), 2299-2307 (2010) :<br>Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010)<br>Bosker, F.J., et al. Mol. Psychiatry (2010) In press :<br>Sornelli, F., et al. Mol. Vis. 16, 1439-1447 (2010) :                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4505393</a>                                                  |
| NCBI GeneID                      | <a href="#">4804</a>                                                     |
| NCBI Accession #                 | <a href="#">NP_002498.1</a>                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_002507.3</a>                                              |
| UniProt Accession #              | <a href="#">P08138</a> ; <a href="#">B2R961</a> ; <a href="#">B4E096</a> |
| Molecular Weight                 | 45183                                                                    |
| NCBI Official Full Name          | tumor necrosis factor receptor superfamily member 16                     |
| NCBI Official Synonym Full Names | nerve growth factor receptor                                             |
| NCBI Official Symbol             | NGFR                                                                     |
| NCBI Official Synonym Symbols    | CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR                            |
| NCBI Protein Information         | tumor necrosis factor receptor superfamily member 16                     |
| UniProt Protein Name             | Tumor necrosis factor receptor superfamily member 16                     |

|                            |                        |
|----------------------------|------------------------|
| UniProt Gene Name          | NGFR                   |
| UniProt Synonym Gene Names | TNFRSF16; NGF receptor |
| UniProt Entry Name         | TNR16_HUMAN            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd271-antibody-immunohistochemistry-western-blot-elisa/288200>