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Product datasheet for TA323002

p75 NGF Receptor (NGFR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1000-5000, WB: 1:500-2000, IHC: 1:25-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 188-211 amino acids of Human nerve growth factor receptor
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	45 kDa
Gene Name:	nerve growth factor receptor
Database Link:	NP_002498 Entrez Gene 18053 MouseEntrez Gene 24596 RatEntrez Gene 4804 Human P08138
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.
Synonyms:	CD271; Gp80-LNGFR; p75(NTR); p75NTR; TNFRSF16
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Neurotrophin signaling pathway

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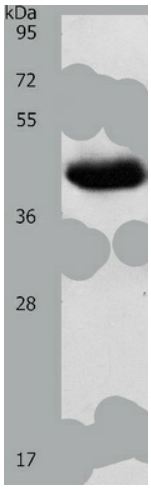
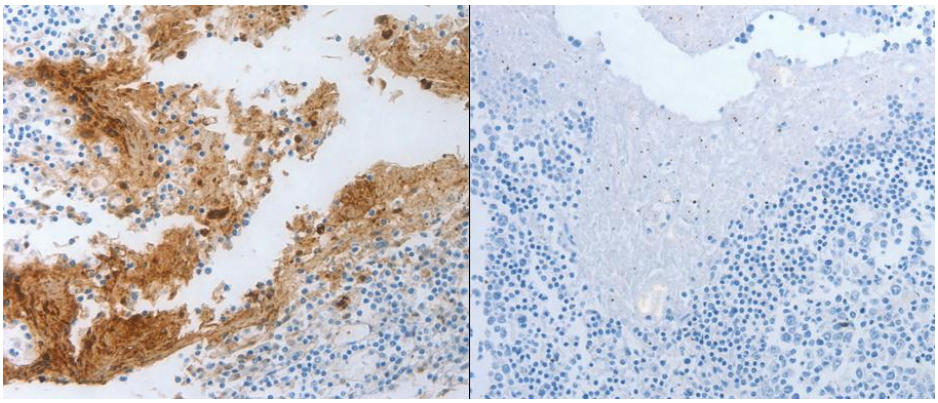
Product images:



Predicted band size: 45 kDa. Positive control: Mouse heart tissue lysate. Recommended dilution: 1/500-2000. (Gel: 10%SDS-PAGE Lysate: 50 ug per lane Primary antibody: 1/600 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 20 seconds)



Predicted cell location: Cytoplasm. Positive control: Human tonsil tissue. Recommended dilution: 1/25-100 The image on the left is immunohistochemistry of paraffin-embedded human tonsil tissue using NGFR antibody at dilution 1/30, on the right is treated with the synthetic peptide. (Original magnification:x200)