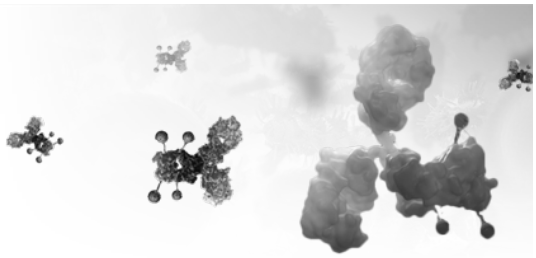

Rabbit Anti-NGFR monoclonal antibody, clone TB40-13 (CABT-L568)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	p75 NGF Receptor
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TB40-13
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP
Molecular Weight	75 kDa
Cellular Localization	Membrane
Positive Control	N2A, Hela, human uterus tissue, human skeletal muscle tissue, mouse uterus tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The Trk oncogene encodes a membrane-spanning protein tyrosine kinase, gp140Trk, whose expression is restricted in vivo to neurons of the sensory spinal and cranial ganglia of neural crest origin. Nerve growth factor (NGF) stimulates tyrosine phosphorylation of Trk A in neural cell lines and in embryonic dorsal root ganglia. Tyrosine phosphorylation of Trk by NGF is rapid, specific and occurs with picomolar quantities of factor, indicating that the response is mediated by physiological amounts of NGF, suggesting that Trk A participates in the primary signal transduction mechanism of NGF. An additional component of the Trk A receptor complex, NGFR p75, binds to the neurotrophic factors with low affinity but is required for efficient signaling. NGFR p75 accelerates Trk A activation and may recruit downstream effector molecules to the liganded complex.
Keywords	CD271;CD271 antigen;Gp80 LNGFR;Gp80-LNGFR;Low affinity nerve growth factor receptor;Low affinity neurotrophin receptor p75NTR;Low-affinity nerve growth factor receptor;Nerve growth factor receptor;Nerve growth factor receptor TNFR superfamily member 16;NGF receptor;Ngfr;p75 ICD;p75 Neurotrophin receptor;p75 NTR;p75(NTR);p75NTR;TNFR Superfamily Member 16;TNFRSF16;TNR16_HUMAN;Tumor necrosis factor receptor superfamily member 16 antibody

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221