

Anti-Neurotrophin 3 Polyclonal Antibody 4

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat(predicted:Rabbit)
Molecular Weight:	Theoretical: 28 kDa. Actual: 40 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Measured by its binding ability in a indirect ELISA. Immobilized Human Neurotrophin 3 protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human Neurotrophin 3 Antibody, the EC50 is 779.5 ng/mL.</p> <p>2. Sample:</p> <p>Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Cerebellum tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Cerebellum tissue lysates</p> <p>Primary: Anti-Neurotrophin 3 (TMAB-09413) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 28 kDa Observed band size: 40 kDa</p>
Application:	WB,ELISA
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Neurotrophin 3
Antigen Species:	Human
Gene ID:	4908
Uniprot ID:	P20783

Research Background

The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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