

Datasheet for ABIN636727 **anti-Neurotrophin 3 antibody**



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Overview

Quantity:	100 µg
Target:	Neurotrophin 3 (NTF3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurotrophin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Blocking Antibody (Inhibition)

Product Details

Immunogen:	NT3 antibody was raised in rabbit using highly pure recombinant human NT-3 as the immunogen.
Purification:	Purified

Target Details

Target:	Neurotrophin 3 (NTF3)
Alternative Name:	NT3 (NTF3 Products)
Background:	NT-3 is a neurotrophic factor structurally related to beta-NGF, BDNF, and NT-4. These proteins belong to the cysteine-knot family of growth factors that assume stable dimeric structures. NT-3 is expressed by neurons of the central nervous systems and can signal through the trk receptors. NT-3 promotes the growth and survival of nerve and glial cells. The amino acid sequences of human, Mouse and rat NT-3 are identical.

Target Details

Molecular Weight:	13.6 kDa (predicted detection band MW)
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway

Application Details

Application Notes:	ELISA: 0.5-2 µg/mL, Inhibition: 2-4 µg/mL, WB: 0.1-0.2 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with sterile water to a concentration of 0.1 - 1.0 mg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C until reconstitution. Following reconstitution product may be stored at 4 °C in the short term. For long term storage aliquot and freeze at -20 °C.