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Datasheet for ABIN1389164  
**anti-Neurotrimin antibody (AA 101-200) (FITC)**

### Overview

Quantity:	100 µL
Target:	Neurotrimin (NTM)
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurotrimin antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Neurotrimin/HNT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Neurotrimin (NTM)
Alternative Name:	Neurotrimin/HNT ( <a href="#">NTM Products</a> )

## Target Details

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**Background:** Synonyms: hNT, IgLON family member 2, IGLON2, Neurotrimin, NT antibody NTM, NTRI\_HUMAN.

Background: Cell adhesion molecules (CAMs) influence cell growth, differentiation, embryogenesis, immune response and cancer metastasis by networking information from the extracellular matrix to the cell. The four major families of cell adhesion molecules are immunoglobulin (Ig) superfamily (calcium-independent transmembrane glycoproteins), integrins (transmembrane non-covalently linked heterodimers of Alpha and Beta subunits), calcium-dependent cadherins and divalent cation-dependent selectins. Regulation of neuronal synaptic adhesion by CAMs has proven important for learning and memory. Proper embryonic morphogenic development is also heavily dependent on the regulation of cell adhesion molecules. Neurotrimin (hNT) is a neural cell adhesion molecule localizing to the cell membrane, where it acts as a lipid-anchor. Neurotrimin belongs to the IgLON family of proteins, a member of the larger immunoglobulin superfamily.

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**Gene ID:** 50863

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**UniProt:** [Q9P121](#)

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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## Handling

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Expiry Date: 12 months