# antibodies - online.com







# anti-Neurotrimin antibody (AA 101-200)



# Image



#### Overview

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

## **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)

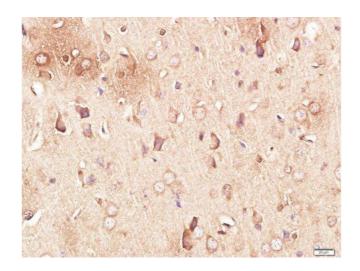
# Target Details

Alternative Name:	Neurotrimin/HNT (NTM Products)
Background:	Synonyms: hNT, lgLON 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.
Gene ID:	50863
UniProt:	Q9P121
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

## Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## **Images**



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Paraformaldehyde-fixed, paraffin embedded mouse brain tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-Neurotrimin Polyclonal Antibody, Unconjugated at 1:300 overnight at 4°C, followed by a conjugated secondary and DAB staining