

Anti-Neurotrimin Antibody

Catalog # AP51401

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9P121
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37971

Additional Information

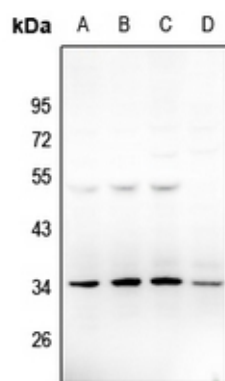
Gene ID	50863
Other Names	IGLON2; NT; Neurotrimin; hNT; IgLON family member 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Neurotrimin. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

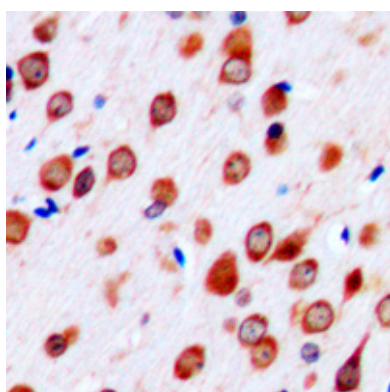
Name	NTM
Synonyms	IGLON2, NT
Function	Neural cell adhesion molecule.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor.

References

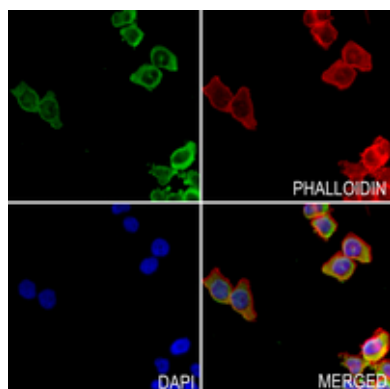
Li G.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.
Wang Y.,et al.Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).



Western blot analysis of Neurotrimin expression in HEK293T (A), HCT116 (B), CT26 (C), PC12 (D) whole cell lysates. (Predicted band size: 37; 34; 39 kDa; Observed band size: 34 kDa)



Immunohistochemical analysis of Neurotrimin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Neurotrimin staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.