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Phospho-NPTX1-Y344

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3930a

Product Information

Application	WB, E
Primary Accession	Q15818
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Clone Names	R06866P
Calculated MW	47122

Additional Information

Gene ID	4884
Other Names	Neuronal pentraxin-1, NP1, Neuronal pentraxin I, NP-I, NPTX1
Target/Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Phospho-NPTX1-Y344 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NPTX1
Function	May be involved in mediating uptake of synaptic material during synapse remodeling or in mediating the synaptic clustering of AMPA glutamate receptors at a subset of excitatory synapses.
Cellular Location	Secreted. Cytoplasmic vesicle, secretory vesicle {ECO:0000269|PubMed:34788392, ECO:0000305}. Endoplasmic reticulum {ECO:0000269|PubMed:34788392, ECO:0000305}

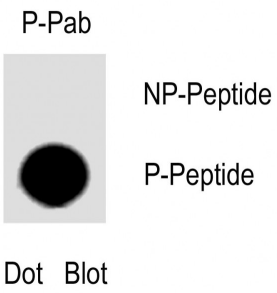
Background

May be involved in mediating uptake of synaptic material during synapse remodeling or in mediating the synaptic clustering of AMPA glutamate receptors at a subset of excitatory synapses.

References

Omeis I.A.,et al.Genomics 36:543-545(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Coutelier M.,et al.Brain 145:1519-1534(2022).
Deppe J.,et al.Mov. Disord. 37:1319-1321(2022).
Schoeggl J.,et al.Mov. Disord. 37:1774-1776(2022).

Images



Dot blot analysis of Phospho-NPTX1-Y344 (Cat.) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antobodies working concentration was 0. 5ug per ml.

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