

NPTX1-Y344 Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7272d

Product Information

Application	WB, IHC-P, E
Primary Accession	Q15818
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB15369
Antigen Region	322-350

Additional Information

Other Names	Neuronal pentraxin-1, NP1, Neuronal pentraxin I, NP-I, NPTX1
Target/Specificity	This NPTX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-350 amino acids from human NPTX1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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	NPTX1-Y344 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

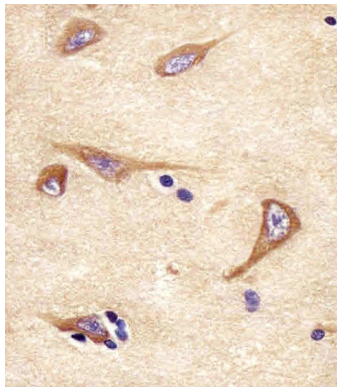
Background

NPTX1 is a member of the neuronal pentraxin family. Human neuronal pentraxin 1 is similar to rat NP1 which is a binding protein for the snake venom toxin taipoxin.

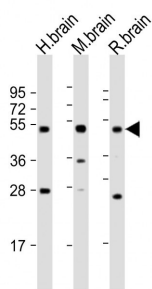
References

Hossain,M.A., J. Neurosci. 24 (17), 4187-4196 (2004)

Images



AP7272d staining NPTX1 in human brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



All lanes : Anti-NPTX1Y344 Antibody at 1:2000 dilution
Lane 1: human brain lysate Lane 2: mouse brain lysate
Lane 3: rat brain lysate Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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