

Anti-Neuronal pentraxin I Rabbit pAb



WL02783

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Product Information

Product name	Anti-Neuronal pentraxin I Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IHC	1:100-1:400	
	IF	1:500	
Cellular localization	Cytoplasmic vesicle, secretory vesicle.		
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	NPTX1, Also known as NP1, it is a member of the petraxins family of neurons, which is a synaptic protein associated with C-reactive protein. This protein is involved in the formation of excitatory synapses. It may mediate the uptake of degraded synaptic substances, which may play an important role in synaptic remodeling. NPTX1 can mediate the uptake of snake venom toxin - macrotxin by neurons and glial cells. It also participates in the aggregation of α - amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) glutamate receptors at established synapses, leading to non apoptotic cell death of dopaminergic neurons.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Neuronal pentraxin I.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

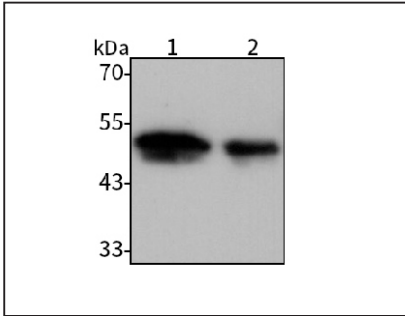
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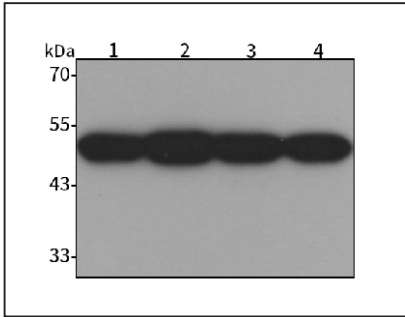
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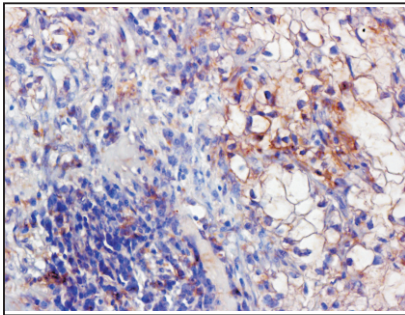
Product Images



Western blot-Anti-Neuronal pentraxin I pAb
Lane 1: Human CAL-27 cell lysate
Lane 2: Human Hela cell lysate
All lanes: Anti-Neuronal pentraxin I at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 47 kDa
Observed band size: 47 kDa



Western blot-Anti-Neuronal pentraxin I pAb
Lane 1: Mouse cerebellum tissue lysate
Lane 2: Mouse brain tissue lysate
Lane 3: Rat brain tissue lysate
Lane 4: Rat cerebellum tissue lysate
All lanes: Anti-Neuronal pentraxin I at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 47 kDa
Observed band size: 47 kDa



Immunohistochemistry-Anti-Neuronal pentraxin I pAb
Immunohistochemical analysis of paraffin-embedded human stomach cancer using anti-Neuronal pentraxin I Rabbit Antibody at 1:300 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

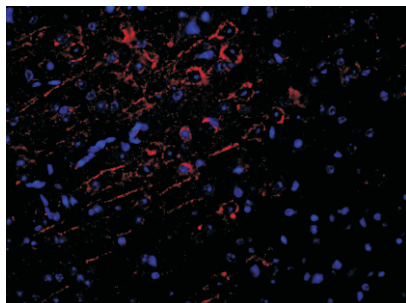
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Immunofluorescence-Anti-Neuronal pentraxin I pAb

Immunofluorescence analysis of paraffin-embedded mouse brain using anti-Neuronal pentraxin I Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0