

For Research Use Only

NPTX2 Recombinant antibody, PBS Only

Catalog Number: 86203-1-PBS



Basic Information

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|---|--|---|
| Catalog Number: 86203-1-PBS | GenBank Accession Number: BC009924 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 4885 | CloneNo.: 250809A7 |
| Source: Rabbit | UNIPROT ID: P47972 | |
| Isotype: IgG | Full Name: neuronal pentraxin II | |
| Immunogen Catalog Number: AG33808 | Calculated MW: 47 kDa | |
| | Observed MW: 47-50 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Neuronal pentraxins constitute a family of proteins that are homologous to C-reactive protein (CRP) and serum amyloid P component (SAP), including NPTX1, NPTX2, and the neuronal pentraxin receptor (NPTXR). NPTX2, also known as NARP (neuronal activity-regulated pentaxin), is a secreted protein involved in excitatory synapse formation. It also plays a role in the clustering of alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA)-type glutamate receptors at established synapses, resulting in non-apoptotic cell death of dopaminergic nerve cells. NPTX2 is highly up-regulated in Parkinson's disease (PD), suggesting it may be involved in the pathology of PD. (PMID: 12895424; 17987278; 10748068)

Storage

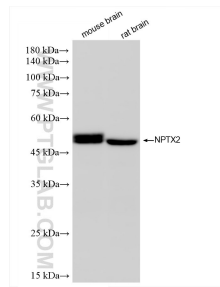
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86203-1-RR (NPTX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86203-1-PBS in a different storage buffer formulation.