For Research Use Only

NPTX2 Recombinant antibody, PBS Only

Catalog Number:86203-1-PBS

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Basic Information

Catalog Number:
86203-1-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG33808

GenBank Accession Number:
BC009924

GeneID (NCBI):
4885

UNIPROT ID:
P47972

Full Name:
neuronal pentraxin II

Calculated MW:
47 kDa

Observed MW:
47-50 kDa

Purification Method:
Protein A purification

CloneNo.:
250809A7

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

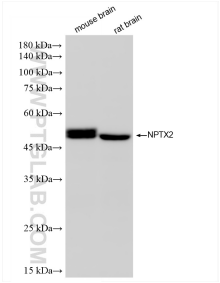
Neuronal pentraxins constitute a family of proteins that are homologous to C-reactive protein (CRP) and serum amyloid P component (SAP), including NPTX1, NPTX2, and the neuronal pentraxin receptor (NPTXR). NPTX2, also known as NARP (neuronal activity-regulated pentaxin), is a secreted protein involved 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.