

Recombinant Human NPTX2 cell lysate

Cat. No. NPTX2-1213HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

Description

This gene encodes a member of the family of neuronal pentraxins, synaptic proteins that are related to C-reactive protein. This protein is involved in excitatory synapse formation. It also plays a role in clustering of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid (AMPA)-type glutamate receptors at established synapses, resulting in non-apoptotic cell death of dopaminergic nerve cells. Up-regulation of this gene in Parkinson disease (PD) tissues suggests that the protein may be involved in the pathology of PD.

Size

100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

Gene Name

NPTX2 neuronal pentraxin II [Homo sapiens (human)]

Official Symbol

NPTX2

Synonyms

NPTX2; NP2; NARP; NP-II; neuronal pentraxin II; neuronal pentraxin-2; apexin; neuronal activity-regulated pentaxin

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Gene ID	4885
mRNA Refseq	NM_002523
Protein Refseq	NP_002514
MIM	600750
UniProt ID	P47972
Chromosome Location	7q21.3-q22.1
Function	metal ion binding; molecular_function

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