

Recombinant Human NPTX2 cell lysate

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

SPECIFICATION

Product Overview

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;

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neuronal activity-regulated pentaxin	
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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