

NPTX2 mouse monoclonal antibody (hybridoma)

Catalog # H00004885-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NPTX2.
Immunogen	NPTX2 (NP_002514.1, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLALLAASVALAVAAGAQDSPAPGSRFVCTALPPEAVHAGCPLPAMPMQGGAQSPEEELRAA VLQLRETVVQQKETLGAQREAIREL TGKLARCEGLAGGKARGAGATGKDTMGDLPRDPGHVVE QLSRSLQTLKDRLESLEHQLRANVSNAGLPGDFREVLQQRLGELERQLLRKVAELEDEKSLLHN ETSAHRQKTESTLNALLQRVTELERGNSAFKSPDAFKVSLPLRTNLYGKIKKTLPELYAFTICLWL RSSASPGIGTPFSYAVPGQANEVLEIWGNNPIELLINDKVAQLPLFVSDGKWHHICVTWTTRDGM WEAFQDGEKLTGENLAPWHPIKPGGVLLLGQEQDTVGGRFDATQAFVGELSQQFNWDRVLRAQ EIVNIANCSTNMPGNIIPWVDNNVDVFGGASKWPVETCEERLLDL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NPTX2

Entrez GeneID [4885](#)

GeneBank Accession# [NM_002523.1](#)

Protein Accession# [NP_002514.1](#)

Gene Name NPTX2

Gene Alias NARP, NP-II, NP2

Gene Description neuronal pentraxin II

Omim ID [600750](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the family of neuronal petraxins, 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-isoxazolepropionic 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. [provided by RefSeq]

Other Designations apexin|neuronal activity-regulated pentaxin|pentraxin II

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [NARP](#)