

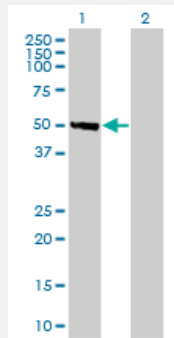
MaxPab®

NPTX2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00004885-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NPTX2 expression in transfected 293T cell line ([H00004885-T01](#)) by NPTX2 MaxPab polyclonal antibody.

Lane 1: NPTX2 transfected lysate(47.41 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NPTX2 protein.

Immunogen

NPTX2 (NP_002514, 1 a.a. ~ 431 a.a) full-length human protein.

Sequence

MLALLAASVALAVAAGAQDSPAPGSRFVCTALPPEAVHAGCPLPAMPMPQGGAGSPEEELRAA
VLQLRETVVQQKETLGAQREAIREL TGKLARCEGLAGGKARGAGATGKDTMGDLPRDPGHVVE
QLSRSLQTLKDRLESLEHQLRANVSNAGLPGDFREVLQQRLGELERQLLRKVAELEDEKSLHN
ETSAHRQKTESTLNALLQRVTELERGNSAFKSPDAFKVSLPLRTNLYGKIKKTLPELYAFTICLWL
RSSASPGIGTPFSYAVPGQANEVLIEWGNNPIELLINDKVAQLPLFVSDGKWHHICVTWTRDGM
WEAFQDGEKLTGENLAPWHPKPGGVILGQEQDTVGGRFDATQAFVGELSQFNIWDRVLRAQ
EIVNIANCSTNMPGNIIPWVDNNVDVFGGASKWPVETCEERLLDL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (96); Rat (96)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note

For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — NPTX2

Entrez GeneID [4885](#)

GeneBank Accession# [NM_002523](#)

Protein Accession# [NP_002514](#)

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 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-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](#)