

NPTX2 rabbit monoclonal antibody

Catalog # H00004885-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NPTX2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NPTX2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NPTX2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NPTX2

Entrez GeneID	4885
GeneBank Accession#	NPTX2
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 relate d 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 glutamat e 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](#)