NPTX1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NPTX1, Polyclonal Antibody
Full Product Name	NPTX1 Antibody, Biotin conjugated
Product Gene Name	anti-NPTX1 antibody
Product Synonym Names	Neuronal pentraxin-1; NP1; Neuronal pentraxin I; NP-I; NPTX1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: NPTX1 (MBS7105213) Biotin Conjugated Antibody: NPTX1 (MBS7105216)
Molecular Weight	47,122 Da
OMIM	U61849 mRNA
3D Structure	ModBase 3D Structure for Q15818
Immunogen	Recombinant Human Neuronal pentraxin-1 protein (88-227AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-NPTX1 antibody	Neuroscience
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NPTX1 antibody	ELISA (EIA)
Related Product Information for anti-NPTX1 antibody	May be involved in mediating uptake of synaptic material during synapse remodeling or in mediating the synaptic clustering of AMPA glutamate receptors at a subset of excitatory synapses.
Other Notes	Small volumes of anti-NPTX1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NPTX1 purchase	MBS7105216 is an antibody targeting NPTX1. Also known as NPTX1 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NPTX1. It may not necessarily be applicable to this product.

NCBI GI #	55770878
NCBI GeneID	4884
NCBI Accession #	NP_002513.2
UniProt Primary Accession #	Q15818
UniProt Secondary Accession #	Q5FWE6; B3KXH3
UniProt Related Accession #	Q15818
GenBank Nucleotide #	NM_002522.3
NCBI Official Full Name	neuronal pentraxin-1
NCBI Official Synonym Full Names	neuronal pentraxin 1
NCBI Official Symbol	NPTX1
NCBI Official Synonym Symbols	NP1
UniProt Protein Name	Neuronal pentraxin-1
UniProt Synonym Protein Names	Neuronal pentraxin I; NP-I
Protein Family	Neuronal pentraxin
UniProt Gene Name	NPTX1
UniProt Synonym Gene Names	NP1; NP-I
NCBI Protein Information	neuronal pentraxin-1
NCBI Summary for NPTX1	NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system. [provided by RefSeq, Jul 2008]
Research Articles on NPTX1	**1.** NPTX1 was significantly associated with bipolar disorder.
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