

Human neuronal pentraxin II ELISA Kit | NPTX2 elisa kit

Human Neuronal pentraxin-2, NPTX2 ELISA Kit

CATALOG #
AAA112668

REACTIVITY
Human

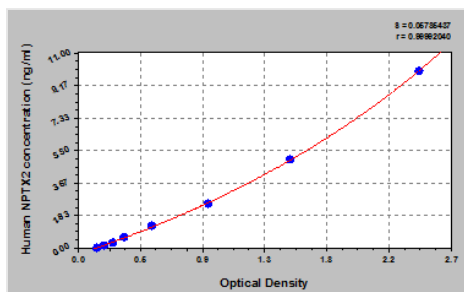
PRODUCT SYNONYMS

neuronal pentraxin II; Human Neuronal pentraxin-2; NPTX2 ELISA Kit; Human Neuronal pentraxin-2 (NPTX2) ELISA kit; NARP; NP-II; NP2; apexin; neuronal activity-regulated pentaxin; NPTX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NPTX2. No significant cross-reactivity or interference between human NPTX2 and analogues was observed.
Sequence Length	431
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NPTX2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NPTX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NPTX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NPTX2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NPTX2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28195384
NCBI GeneID	4885
NCBI Accession #	NP_002514.1
NCBI GenBank Nucleotide #	NM_002523.2
UniProt Accession #	P47972; Q86XV7; Q96G70; A4D267
Molecular Weight	47,042 Da
NCBI Official Full Name	neuronal pentraxin-2
NCBI Official Synonym Full Names	neuronal pentraxin II
NCBI Official Symbol	NPTX2
NCBI Official Synonym Symbols	NP2; NARP; NP-II
NCBI Protein Information	neuronal pentraxin-2; apexin; neuronal activity-regulated pentaxin
UniProt Protein Name	Neuronal pentraxin-2
UniProt Gene Name	NPTX2
UniProt Synonym Gene Names	NP2; NP-II
UniProt Entry Name	NPTX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nptx2-human-elisa-kits/neuronal-pentraxin-ii/112668>