

## Neuronal Pentraxin 2/NPTX2 Polyclonal Antibody(Capture/Detector)

catalog number: **AN000850P**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

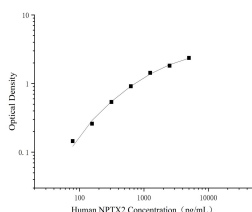
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Human LDL Native Protein
<b>Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

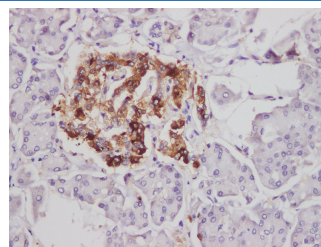
### Applications Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
<b>ELISA Detector</b>	0.1-0.4 µg/mL
<b>IHC</b>	1:500-1:1000

### Data



Sandwich ELISA-Human LDL Native Protein standard curve. Background subtracted standard curve using Neuronal Pentraxin 2/NPTX2 antibody(AN000850P) (Capture), Neuronal Pentraxin 2/NPTX2 antibody(AN000850P)(Detector) in sandwich ELISA. The reference range value for Native Protein is 78-5000pg/mL.



Immunohistochemistry of paraffin-embedded Human pancreas using Neuronal Pentraxin 2/NPTX2 Polyclonal Antibody at dilution of 1:1200.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

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.

### For Research Use Only