

Datasheet for ABIN391416
anti-NPX1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	NPX1
Binding Specificity:	AA 364-393, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NP1(Nptx1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-393 amino acids from the C-terminal region of human NP1(Nptx1).
Clone:	RB8973
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	NPX1
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Target Details

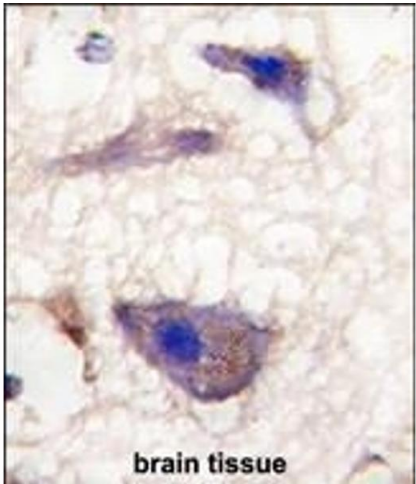
Alternative Name:	NP1 (Nptx1) (NPX1 Products)
Background:	NPTX1 is a member of the neuronal pentraxin gene family. Human neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin.
Gene ID:	266777
UniProt:	Q15818
Pathways:	Carbohydrate Homeostasis , Regulation of Cell Size , Signaling Events mediated by VEGFR1 and VEGFR2 , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling , VEGFR1 Specific Signals , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

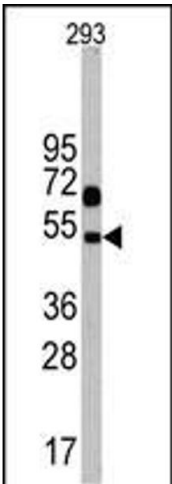
Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with Nptx1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of Nptx1 Antibody (C-term) in 293 cell line lysates (35 µg/lane). Nptx1 (arrow) was detected using the purified Pab.