

Datasheet for ABIN7166879
anti-PNPO antibody (AA 114-207)

3 Images

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Overview

Quantity:	100 µg
Target:	PNPO
Binding Specificity:	AA 114-207
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPO antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Pyridoxine-5\'-phosphate oxidase protein (114-207AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PNPO
Alternative Name:	PNPO (PNPO Products)
Background:	Background: Catalyzes the oxidation of either pyridoxine 5\'-phosphate (PNP) or pyridoxamine 5\'-phosphate (PMP) into pyridoxal 5\'-phosphate (PLP).

Target Details

Aliases: EC 1.4.3.5 antibody, FLJ10535 antibody, PDXPO antibody, PNPO antibody, PNPO_HUMAN antibody, Pyridoxal 5' phosphate synthase antibody, pyridoxamine 5' phosphate oxidase antibody, Pyridoxamine phosphate oxidase antibody, Pyridoxamine-phosphate oxidase antibody, pyridoxine 5' phosphate oxidase antibody, Pyridoxine-5'-phosphate oxidase antibody

UniProt: [Q9NVS9](#)

Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

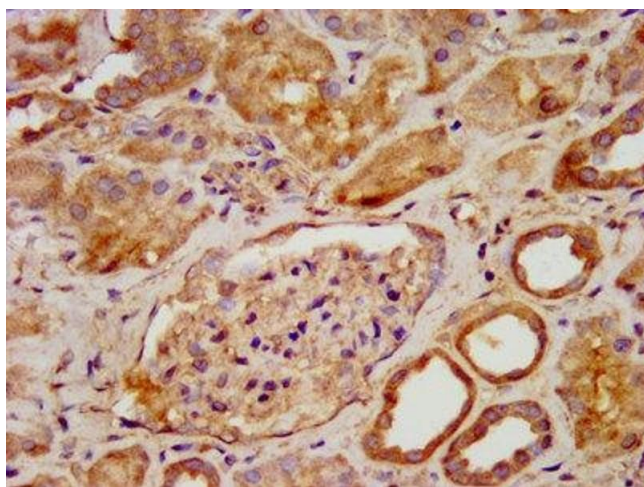
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

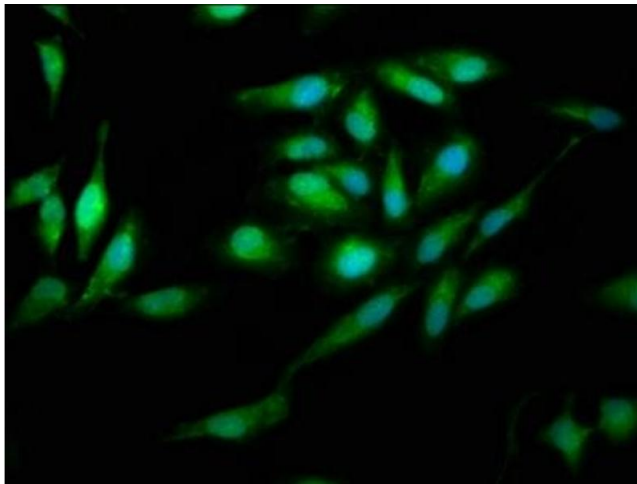
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



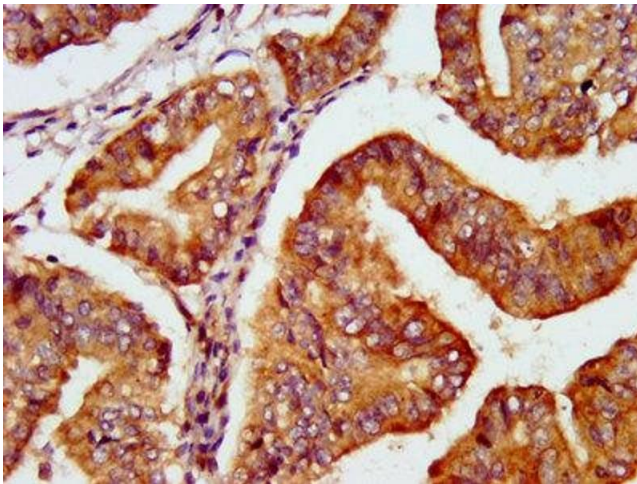
Immunohistochemistry

Image 1. IHC image of ABIN7166879 diluted at 1:600 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7166879 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 3. IHC image of ABIN7166879 diluted at 1:600 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.