



[Go to Product page](#)

## Datasheet for ABIN7248506 anti-PNPO antibody

### 3 Images

#### Overview

Quantity:	200 µL
Target:	PNPO
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNPO antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Synthetic peptide of human PNPO
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

#### Target Details

Target:	PNPO
Alternative Name:	PNPO ( <a href="#">PNPO Products</a> )
Background:	The enzyme encoded by this gene catalyzes the terminal, rate-limiting step in the synthesis of pyridoxal 5'-phosphate, also known as vitamin B6. Vitamin B6 is a required co-factor for enzymes involved in both homocysteine metabolism and synthesis of neurotransmitters such as catecholamine. Mutations in this gene result in pyridoxamine 5'-phosphate oxidase (PNPO)

## Target Details

deficiency, a form of neonatal epileptic encephalopathy.

Molecular Weight: Observed\_MW: Refer to figures  
Calculated\_MW: 30 kDa

UniProt: [Q9NVS9](#)

## Application Details

Application Notes: WB 1:500-1:2000, IHC 1:20-1:100, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.9 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

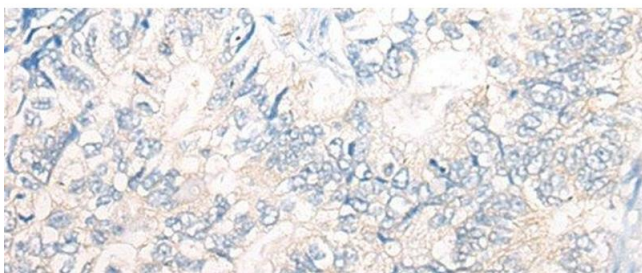
Preservative: Sodium azide

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

Storage: -20 °C

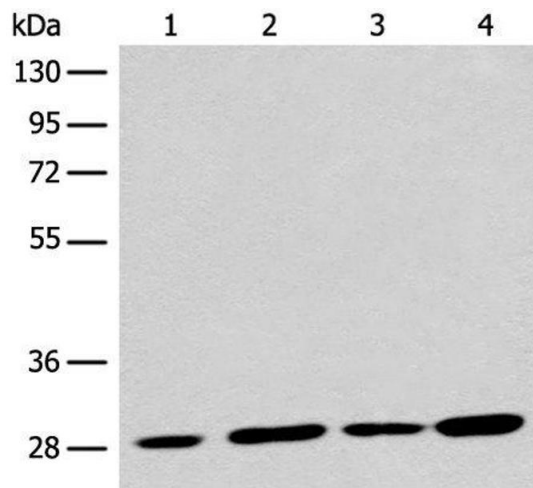
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PNPO Polyclonal Antibody at dilution of 1:30(x200)



### Western Blotting

**Image 2.** Western blot analysis of 293T cell lysates using PNPO Polyclonal Antibody at dilution of 1:700

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human brain tissue using PNPO Polyclonal Antibody at dilution of 1:30(x200)

