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PNPO Antibody (clone AT2C7)

Mouse Monoclonal Antibody

Catalog # ALS15725

Specification

PNPO Antibody (clone AT2C7) - Product Information

Application	**WB, IHC**
Primary Accession	Q9NVS9
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**30kDa KDa**

PNPO Antibody (clone AT2C7) - Additional Information

Gene ID 55163

Other Names
Pyridoxine-5'-phosphate oxidase, 1.4.3.5, Pyridoxamine-phosphate oxidase, PNPO

Target/Specificity
Human PNPO

Reconstitution & Storage
Can be stored at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.

Precautions
PNPO Antibody (clone AT2C7) is for research use only and not for use in diagnostic or therapeutic procedures.

PNPO Antibody (clone AT2C7) - Protein Information

Name PNPO

Function
Catalyzes the oxidation of either pyridoxine 5'-phosphate (PNP) or pyridoxamine 5'-phosphate (PMP) into pyridoxal 5'-phosphate (PLP).

Tissue Location
Ubiquitous. Expressed in liver, brain, lung, prostate and stomach (at protein level).

Volume
50 µl

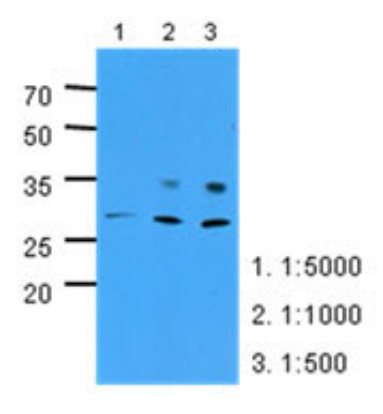
PNPO Antibody (clone AT2C7) - Protocols

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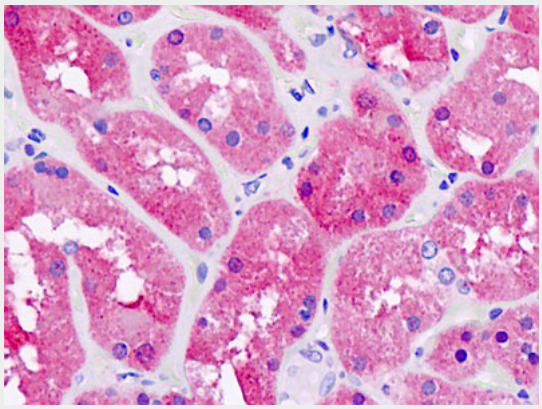
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PNPO Antibody (clone AT2C7) - Images



Western Blot: The extracts of HepG2 (40 ug) were resolved by SDS-PAGE, transferred to PVDF...



Anti-PNPO antibody IHC staining of human kidney.

PNPO Antibody (clone AT2C7) - Background

Catalyzes the oxidation of either pyridoxine 5'- phosphate (PNP) or pyridoxamine 5'-phosphate (PMP) into pyridoxal 5'-phosphate (PLP).

PNPO Antibody (clone AT2C7) - References

Kwon O.-S.,et al.Submitted (JAN-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
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Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

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