

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

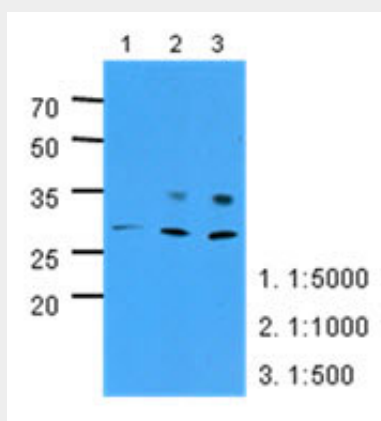
50 µl

PNPO Antibody (clone AT2C7) - Protocols

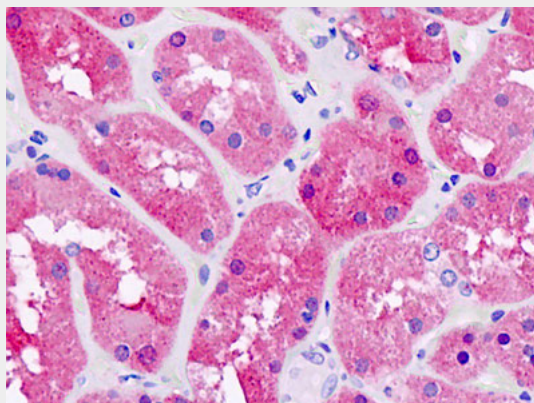
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).

