

Product datasheet for **AP53372PU-N**

PNPO (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 232~261 amino acids from the C-terminal region of human PNPO
Specificity:	This antibody recognizes Human PNPO (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	pyridoxamine 5'-phosphate oxidase
Database Link:	Entrez Gene 55163 Human Q9NVS9
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.
Synonyms:	FLJ10535; PDXPO

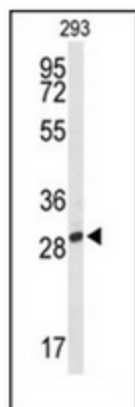


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Note: **Molecular Weight:** 29988 Da

Protein Pathways: Metabolic pathways, Vitamin B6 metabolism

Product images:



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