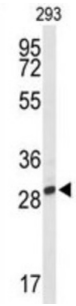
Pyridoxine-5'-Phosphate Oxidase (PNPO) Antibody

Catalogue No.:abx034354



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.

Target:	Pyridoxine-5'-Phosphate Oxidase (PNPO)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 232-261 amino acids from the C-terminal region of human PNPO.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9NVS9 (UniProt, ExPASy)
Gene Symbol:	PNPO

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String:	9606.ENSP00000225573
Molecular Weight:	Calculated MW: 30 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	This product is for research use only.

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