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Datasheet for ABIN782454 anti-PNPO antibody (AA 57-261)

2 Images



Overview

Quantity:	0.1 mL
Target:	PNPO
Binding Specificity:	AA 57-261
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PNPO antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human PNPO (57-261aa) purified from E. coli
Clone:	AT2C7
Isotype:	lgG1
Specificity:	Teh antibody recognizes human PNPO. Other species not tested.
Purification:	Protein-G affinity chromatography

Target Details

Target:	PNPO
Alternative Name:	PNPO (PNPO Products)
Background:	PNPO (pyridoxamine 5'-phosphate oxidase) is a 261 amino acid protein belonging to the

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Target Details

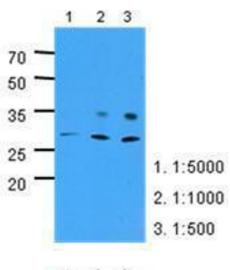
Application Notes:	Optimal working dilution should be determined by the investigator.
Application Details	
UniProt:	Q9NVS9
NCBI Accession:	NP_060599
Gene ID:	55163
	homocysteine metabolism and synthesis of neurotransmitters such as catecholamine.Synonyms: Pyridoxamine-phosphate oxidase, Pyridoxine-5'-phosphate oxidase
	normal counterparts. Vitamin B6 is a required co-factor for enzymes involved in both
	and some cancer cells have notable differences in vitamin B6 metabolism compared to their
	synthesis. Vitamin B6 (Pyridoxal 5-prime-phosphate or PLP) is vital for normal cellular function,
	pyridoxamine 5'-phosphate oxidase family. It is the rate-limiting enzyme in vitamin B6

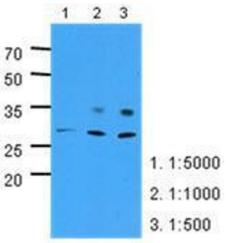
Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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