

Rabbit PNPO Polyclonal Antibody | anti-PNPO antibody

PNPO Polyclonal Antibody

CATALOG # AAA175708	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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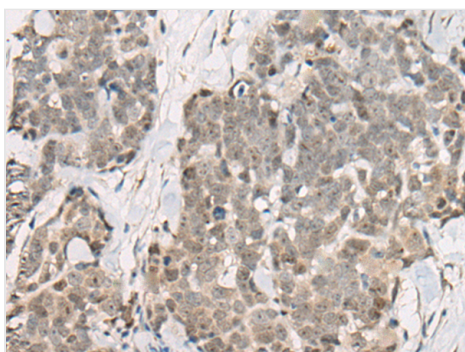
PRODUCT SYNONYMS

PNPO; Polyclonal Antibody; PNPO Polyclonal Antibody; EC 1.4.3.5; FLJ10535; PDXPO; Pyridoxal 5' phosphate synthase; Pyridoxamine 5' phosphate oxidase; Pyridoxamine phosphate oxidase; Pyridoxamine-phosphate oxidase; Pyridoxine 5' phosphate oxidase; Pyridoxine-5'-phosphate oxidase; anti-PNPO antibody

PRODUCT SPECIFICATIONS

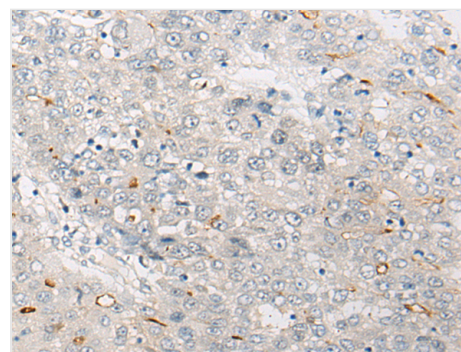
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.7mg/mL (varies by lot)
Sequence Length	261
Applicable Applications for anti-PNPO antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human PNPO
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PNPO Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PNPO Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-PNPO antibody	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. Mutations in this gene result in pyridoxamine 5'-phosphate oxidase (PNPO) deficiency, a form of neonatal epileptic encephalopathy.
Product Categories/Family for anti-PNPO antibody	Metabolism; Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922498
NCBI GeneID	55163
NCBI Accession #	NP_060599.1
NCBI GenBank Nucleotide #	NP_060599.1
UniProt Accession #	Q9NVS9
NCBI Official Full Name	pyridoxine-5'-phosphate oxidase
NCBI Official Synonym Full Names	pyridoxamine 5'-phosphate oxidase
NCBI Official Symbol	PNPO
NCBI Official Synonym Symbols	PDXPO; HEL-S-302
NCBI Protein Information	pyridoxine-5'-phosphate oxidase
UniProt Protein Name	Pyridoxine-5'-phosphate oxidase
UniProt Gene Name	PNPO
UniProt Entry Name	PNPO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pnpo-antibody-immunohistochemistry-elisa/175708>