

Rabbit PNPO Polyclonal Antibody | anti-PNPO antibody

PNPO Antibody

CATALOG # AAA310448	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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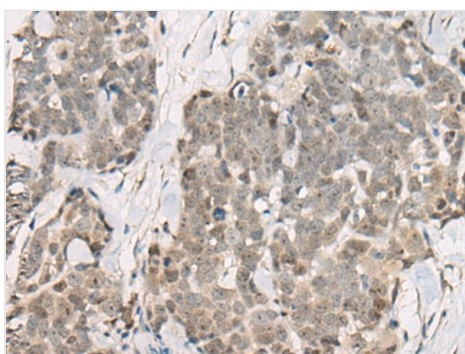
PRODUCT SYNONYMS

PNPO; Polyclonal Antibody; PNPO Antibody; PDXPO; HEL-S-302; anti-PNPO antibody

PRODUCT SPECIFICATIONS

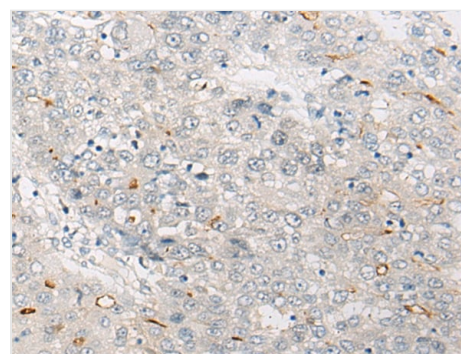
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total PNPO protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.6mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-PNPO antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to internal residues of human PNPO
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46643(PNPO Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46643(PNPO Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922498
NCBI GeneID	55163
NCBI Accession #	NP_060599
NCBI GenBank Nucleotide #	NM_018129.3
UniProt Accession #	Q9NVS9; B4E0V0; B4E152; B4E1D7; D3DTT9
Molecular Weight	25,200 Da
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

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/310448>