Rabbit Pyridoxamine-5'-Phosphate Oxidase Polyclonal Antibody | anti-PNPO antibody

Pyridoxamine-5'-Phosphate Oxidase (PNPO) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145154	**Rabbit**	**Human, Mouse, Rat, Pig**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Pyridoxamine-5'-Phosphate Oxidase; Polyclonal Antibody; Pyridoxamine-5'-Phosphate Oxidase (PNPO) Polyclonal Antibody; PDXPO; Pyridoxine 5'-Phosphate Oxidase; anti-PNPO antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PNPO. It has been selected for its ability to recognize PNPO in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	210
Applicable Applications for anti-PNPO antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	PNPO (Met1~Pro261)
Quality Control	Content: The quality control contains recombinant PNPO (Met1~Pro261) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control.Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded Kidney tissue

WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922498
NCBI GeneID	55163
NCBI Accession #	NP_060599.1
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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