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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145344	**Rabbit**	**Mouse, Human, Rat**	**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	Mouse, Human, Rat
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	Mouse
Organism Species	Mouse
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 (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue

IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Brain Tissue

IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Mouse Stomach Tissue.

WB (Western Blot)
Western Blot: Sample: Recombinant PNPO, Mouse.

WB (Western Blot)
Western Blot: Sample: Lane1: Mouse Brain Tissue; Lane2: Mouse Heart Tissue; Lane3: Mouse Liver Tissue; Lane4: Mouse Kidney Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19527238
NCBI GeneID	103711
NCBI Accession #	NP_598782.1
NCBI GenBank Nucleotide #	NM_134021.2
UniProt Accession #	Q91XF0; Q3TP70; Q3U445; Q3U4X1
Molecular Weight	30,114 Da
NCBI Official Full Name	pyridoxine-5'-phosphate oxidase
NCBI Official Synonym Full Names	pyridoxine 5'-phosphate oxidase
NCBI Official Symbol	Pnpo
NCBI Official Synonym Symbols	AI415282
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/pyridoxamine-5-phosphate-oxidase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145344