

Rabbit anti-Human PNP Polyclonal Antibody | anti-PNP antibody

PNP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327436	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

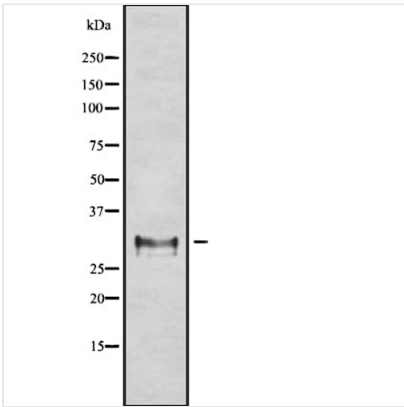
PRODUCT SYNONYMS

PNP; Polyclonal Antibody; PNP Antibody; FLJ94043; FLJ97288; FLJ97312; Inosine phosphorylase; Inosine-guanosine phosphorylase; MGC117396; MGC125915; MGC125916; NP; Np1; Nucleoside phosphorylase; Pnp1; PNPH_HUMAN; PRO1837; PUNP; Purine nucleoside orthophosphate ribosyltransferase; Purine nucleoside phosphorylase 5a; Purine nucleoside phosphorylase; anti-PNP antibody

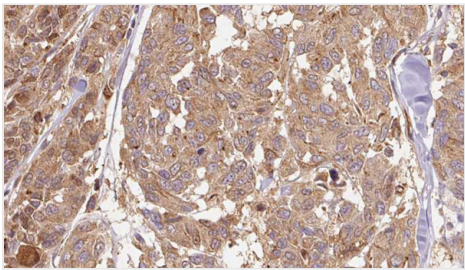
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	PNP antibody detects endogenous levels of total PNP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	289
Applicable Applications for anti-PNP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PNP
Subcellular Location	Cytoplasm > Cytoskeleton.
Tissue Specificity	Expressed in red blood cells; overexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of PNP using A549 whole cell lysates



IHC (Immunohistochemistry)
AAA327436 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PNP antibody	Function: The purine nucleoside phosphorylases catalyze the phosphorolytic breakdown of the N-glycosidic bond in the beta-(deoxy)ribonucleoside molecules, with the formation of the corresponding free purine bases and pentose-1-phosphate. Subunit Structure: Homotrimer. Similarity: Belongs to the PNP/MTAP phosphorylase family.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	157168362
NCBI GeneID	4860
NCBI Accession #	NP_000261.2
NCBI GenBank Nucleotide #	NM_000270.3
UniProt Accession #	P00491; Q15160; Q5PZ03; B2R8S5; D3DS00
Molecular Weight	Observed: 32 kDa Predicted: 33 kDa
NCBI Official Full Name	purine nucleoside phosphorylase
NCBI Official Synonym Full Names	purine nucleoside phosphorylase
NCBI Official Symbol	PNP
NCBI Official Synonym Symbols	NP; PUNP; PRO1837
NCBI Protein Information	purine nucleoside phosphorylase
UniProt Protein Name	Purine nucleoside phosphorylase
UniProt Gene Name	PNP
UniProt Synonym Gene Names	NP; PNP

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.