

Rabbit anti-Human Nucleoside phosphorylase/PNP Monoclonal Antibody | anti-PNP antibody

Recombinant Anti-Nucleoside phosphorylase/PNP Antibody, Rabbit Monoclonal

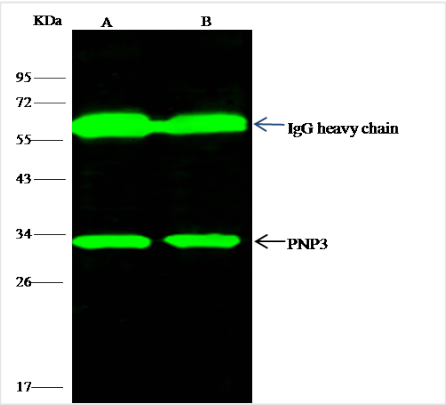
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255517	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

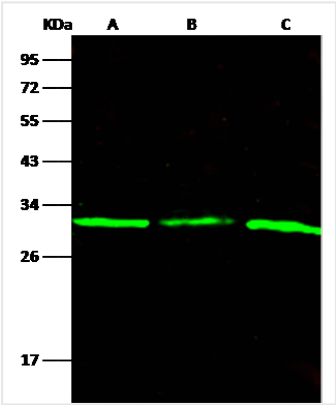
Nucleoside phosphorylase/PNP; Monoclonal Antibody; Recombinant Anti-Nucleoside phosphorylase/PNP Antibody; Rabbit Monoclonal; Purine nucleoside phosphorylase/PNP Antibody; Rabbit MAb; purine nucleoside phosphorylase; Anti-NP Antibody; Anti-PRO1837 Antibody; Anti-PUNP Antibody; anti-PNP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	103
Specificity	Human Purine nucleoside phosphorylase/PNP
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PNP antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human Purine nucleoside phosphorylase/PNP protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Purine nucleoside phosphorylase/PNP (rh Purine nucleoside phosphorylase/PNP).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
PNP-3 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate; Lane B: 0.5 mg K562 Whole Cell Lysate; 2 μ L anti-PNP-3 rabbit monoclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-PNP-3 rabbit monoclonal antibody, at 1:100 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 33 kDa. Observed band size: 33 kDa.



WB (Western Blot)
Anti-PNP3 rabbit monoclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate; Lane B: K562 Whole Cell Lysate; Lane C: 293T Whole Cell Lysate. Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 32 kDa. Observed band size: 32 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PNP antibody	Purine nucleoside phosphorylase (PNP) is a purine-metabolizing enzyme that catalyzes the reversible phosphorolysis of 6-oxypurine (deoxy)nucleosides to their respective bases and (deoxy)ribose-1-phosphate. It is a key enzyme in the purine salvage pathway of mammalian cells. Purine nucleoside phosphorylase is a transferase that catalyzes the addition of phosphate and removal of a purine base from guanosine and similar nucleosides. PNP defects result in metabolic abnormalities and fatal T cell immunodeficiency. Purine nucleoside phosphorylase (PNP) is a target for leukemia, gout, and autoimmune disorders.
References	de Azevedo, W.F. et al., 2003, Biochem Biophys Res Commun. 312 (3): 767-72. Canduri, F. et al., 2005, Acta Crystallogr D Biol Crystallogr. 61 (Pt 7): 856-62. Perera, G.K. et al., 2005, Clin Exp Dermatol. 30 (1):27-9.

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	32,118 Da
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; inosine phosphorylase; inosine-guanosine phosphorylase; purine-nucleoside:orthophosphate ribosyltransferase
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nucleoside-phosphorylase-pnp-antibody-clone-103-immunoprecipitation-western-blot-elisa/255517>