

Goat anti-PNP (aa142-153) Antibody

Item Number	dAP-2821
Target Molecule	Principle Name: PNP (aa142-153); Official Symbol: PNP; All Names and Symbols: PNP; purine nucleoside phosphorylase; NP; PRO1837; PUNP; inosine phosphorylase; purine-nucleoside:orthophosphate ribosyl-transferase; Accession Number (s): NP_000261.2; Human Gene ID(s): 4860; Non-Human GeneID(s):
Immunogen	SGQNPLRGPNDE, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 30kDa band observed in lysates of Human Liver, Erythrocytes and of cell lines Daudi, Jurkat and K562 (calculated MW of 32.1kDa according to NP_000261.2). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Vareed SK, et al. Metabolites of purine nucleoside phosphorylase (NP) in serum have the potential to delineate pancreatic adenocarcinoma. PLoS One. 2011 Mar 23;6(3):e17177..PMID: 21448452->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**