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Research Use Only. Not for diagnostic or therapeutic use.

EB11991 - Goat Anti-PNP (aa142-153) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PNP, purine nucleoside phosphorylase, NP, PRO1837, PUNP, inosine

phosphorylase, purine-nucleoside:orthophosphate ribosyltransferase

Official Symbol: PNP

Accession Number(s): NP_000261.2

Human GeneID(s): 4860

Immunogen

Peptide with sequence C-SGQNPLRGPNDE, from the internal region of the protein sequence according to NP_000261.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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. Primary incubation was 1

nour.

IHC: Paraffin embedded Human Tonsil and Kidney. Recommended concentration: 5µg/ml.

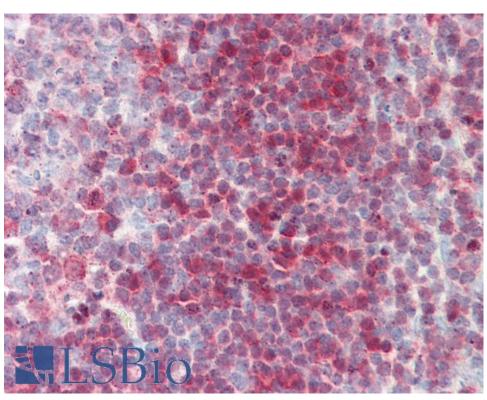
Species Reactivity

Tested: Human

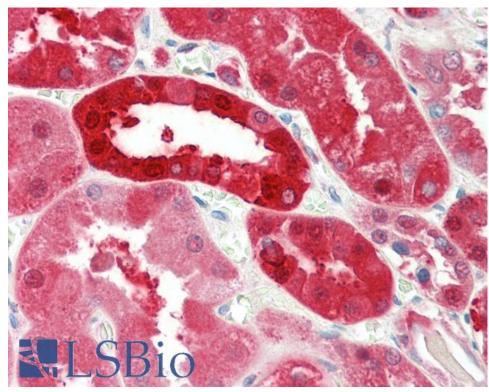
Expected from sequence similarity: Human, Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB11991 (0.1 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB11991 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB11991 ($5\mu g/ml$) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.