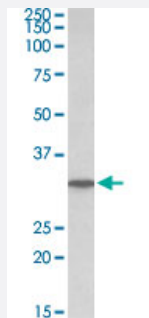


NP polyclonal antibody

Catalog # PAB27676

Size 100 ug

Applications



Western Blot (Tissue lysate)

NP polyclonal antibody (Cat # PAB27676) (0.1ug/ml) staining of human liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of NP.
Immunogen	A synthetic peptide corresponding to amino acids 142-153 at internal region of human NP.
Sequence	SGQNPLRGPNDE
Host	Goat
Theoretical MW (kDa)	30
Reactivity	Human
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.03-0.1ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

NP polyclonal antibody (Cat # PAB27676) (0.1 ug/ml) staining of human liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — NP

Entrez GeneID [4860](#)

Protein Accession# [NP_000261.2](#)

Gene Name NP

Gene Alias FLJ94043, FLJ97288, FLJ97312, MGC117396, MGC125915, MGC125916, PNP, PRO1837, P UNP

Gene Description nucleoside phosphorylase

Omim ID [164050](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme which reversibly catalyzes the phosphorolysis of purine nucleosides. The enzyme is trimeric, containing three identical subunits. Mutations which result in nucleoside phosphorylase deficiency result in defective T-cell (cell-mediated) immunity but can also affect B-cell immunity and antibody responses. Neurologic disorders may also be apparent in patients with immune defects. A known polymorphism at aa position 51 that does not affect enzyme activity has been described. A pseudogene has been identified on chromosome 2. [provided by RefSeq]

Other Designations inosine phosphorylase|purine nucleoside phosphorylase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Metabolic pathways](#)

- [Nicotinate and nicotinamide metabolism](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Alzheimer disease](#)
- [Cognition Disorders](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)