

PNP Rabbit Polyclonal Antibody



CAB14032

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

32kDa

Calculated MW:

32kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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.

Immunogen information

Gene ID:

4860

Uniprot

P00491

Synonyms:

PNP; NP; PRO1837; PUNP

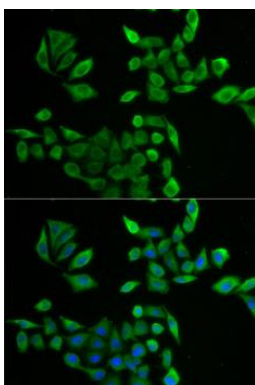
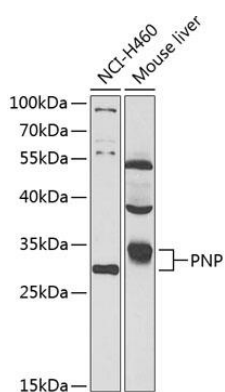
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-289 of human PNP (NP_000261.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using PNP antibody (CAB14032) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.

Immunofluorescence analysis of U2OS cells using PNP antibody (CAB14032). Blue: DAPI for nuclear staining.