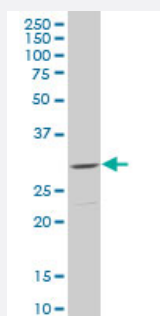


NP polyclonal antibody (A01)

Catalog # H00004860-A01

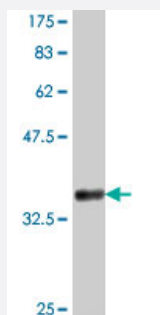
Size 50 uL

Applications



Western Blot (Cell lysate)

NP polyclonal antibody (A01), Lot # 051017JC01 Western Blot analysis of NP expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant NP.
Immunogen	NP (NP_000261, 174 a.a. ~ 283 a.a) partial recombinant protein with GST tag.
Sequence	ALSTWKQMGEQRELQEGTYVMVAGPSFETVAECRVLQKLGADAVGMSTVPEVIVARHCGLRVF GFSLITNKVIMDYESLEKANHEEVLAAGKQAAQKLEQFVSILMASIP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (77)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.21 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

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

Applications

- Western Blot (Cell lysate)

NP polyclonal antibody (A01), Lot # 051017JC01 Western Blot analysis of NP expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NP

Entrez GeneID

[4860](#)

GeneBank Accession#

[NM_000270](#)

Protein Accession#

[NP_000261](#)

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 nucleoside s. 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](#)