

DNAxPAb

Hard-to-Find
Antibody

NP DNAxPab

Catalog # H00004860-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NP DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MENGYTYEDYKNTAEWLLSHTKHRPQVAIICGSGLGGLTDKLTQAQIFDYGEIPNFPRSTVPGHAG RLVFGFLNGRACVMMQGRFHMYEGYPLWKVTFPVRVFHLLGVDTLVVTNAAGGLNPKFEVGDIM LIRDHINLPGFSGQNPLRGPNDERFGDRFPAMSDAYDRTMRQRALSTWKQMGEQRELQEGTYV MVAGPSFETVAECRVLQKLGA DAGVMSTVPEVVARHCGLRVFGFSLITNKVIMDYESLEKANHE EVLAAGKQAAQKLEQFVSILMASIPLPKAS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NP

Entrez GeneID	4860
GeneBank Accession#	NM_000270.1
Protein Accession#	NP_000261.1
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	<p>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</p>
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](#)