

DNAXPAb

Hard-to-Find
Antibody

PPAT DNAXPab

Catalog # H00005471-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPAT DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MELEELGIREECGVFGCIASGEWPTQLDVPHVITLGLVGLQHRGQESAGVTS DGSSVPTFKSHK GMGLVNHVFTEDNLKKLYVSNLGIGHTRYATTGKCELENCQPFVVETLHGKIAVAHNGELVNAARL RKKLLRHGIGLSTSSDSEMITQLLAYTPPQEQQDDTPDWVARIKNLMKEAPTAYSLLIMHRDVIYAVR DPYGNRPLCIGRLIPVSDINDKEKKTSETEGWVVSSESCSFLSIGARYYREVLPGEMEISRHNVTQL DIISRSEGNPVAF CIFEYVYFARPD SMFEDQM VYTVRYRCGQQLAIEAPVDADLVSTVPESATPAA LAYAGKCGLPYVEVLCKNRYVGRTFIQPNMRLRQLGVAKKFGVLSDNFKGKRMVLVDDSVRGNTI SPIIKLLKESGAKEVHIRVASPPIKYP CFMGINPTKEELIANKPEFDHLAEYLGANSVVYLSVEGLVS SVQEGIKFKKQKEKKHDI MIQENGNGLECFEKS GHCTACLTGKYPVELEW
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 — PPAT

Entrez GeneID [5471](#)

GeneBank Accession# [NM_002703.3](#)

Protein Accession# [NP_002694.3](#)

Gene Name PPAT

Gene Alias ATASE, GPAT, PRAT

Gene Description phosphoribosyl pyrophosphate amidotransferase

Omim ID [172450](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the purine/pyrimidine phosphoribosyltransferase family. This protein is a regulatory allosteric enzyme that catalyzes the first step of de novo purine nucleotide biosynthesis. This gene and PAICS/AIRC, a bifunctional enzyme catalyzing steps six and seven in the purine nucleotide biosynthesis pathway, are located in close proximity on chromosome 4. [provided by RefSeq]

Other Designations amidophosphoribosyltransferase|glutamine PRPP amidotransferase|glutamine phosphoribosylpyrophosphate amidotransferase

Pathway

- [Alanine](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)