

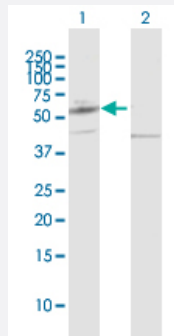
MaxPab®

PPAT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005471-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PPAT expression in transfected 293T cell line ([H00005471-T01](#)) by PPAT MaxPab polyclonal antibody.

Lane 1: PPAT transfected lysate(57.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPAT protein.
Immunogen	PPAT (NP_002694.3, 1 a.a. ~ 517 a.a) full-length human protein.
Sequence	MELEELGIREECGVFGCIASGEWPTQLDVPVITLGLVGLQHRGQESAGVTS DGSSVPTFKSHK GMGLVNHVFTEDNLKKLYVSNLGIGHTRYATTGKCELENCQPFVETLHGKIAVAHNGELVNAARL RKKLLRHGIGLSTSSDSEMITQLLAYTPPQEQQDDTPDWVARKNLMKEAPTAYSLLIMHRDVIYAVR DPYGNRPLCIGRLIPVSDINDKEKKTSETEGWVVSSESCSFLSIGARYREVLPGEVEISRHNQTL DIISRSEGNPVAFCIFEVYFARPDSMFEDQM VYTVRYRCGQQLAIEAPVDADLVSTVPESATPAA LAYAGKCGLPYEVLCKNRYVGRTFIQPNMRLRQLGVAKKFGVLSDNFKGKRMLVDDSVRGNTI SPIIKLLKESGAKEVHIRVASPPIKYPFCFMGINIPTKEELIANKPEFDHLAEYLGANSVVYLSVEGLVS SVQEGIKFKKQKEKKHDIQENGNGLCEFEKSGHCTACLTGKYPVELEW
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
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)

Western Blot analysis of PPAT expression in transfected 293T cell line ([H00005471-T01](#)) by PPAT MaxPab polyclonal antibody.

Lane 1: PPAT transfected lysate(57.40 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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 phosphoribosylpyrophosphatase amidotransferase

Pathway

- [Alanine](#)

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