

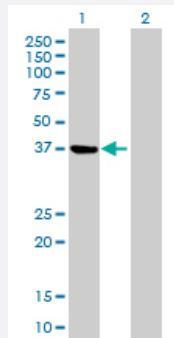
MaxPab®

PSAT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00029968-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PSAT1 expression in transfected 293T cell line ([H00029968-T01](#)) by PSAT1 MaxPab polyclonal antibody.

Lane 1: PSAT1 transfected lysate(40.7 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PSAT1 protein.
Immunogen	PSAT1 (NP_478059.1, 1 a.a. ~ 370 a.a) full-length human protein.
Sequence	MDAPRQVVNFGPGPAKLPHSVLLEIQKELLDYKGVGISVLEMSHRSSDFAKIINNTENLVRELLAV PDNYKVIFLQGGGCGQFSAVPLNLIGLKAGRCADYVVTGAWSAKAAEEAKKFGTINVHPKLGSYT KIPDPSTWNLNPDASYVYCANETVHGVEFDFIPDVKGAVLVCDMSSNFLSKPVDVSKFGVIFAG AQKNVGSAGVTVVIVRDDLLGFALRECPSVLEYKVQAGNSSLYNTPPCFSTVMGLVLEWIKNNG GAAAMEKLSSIKSQTIYEIIDNSQGFYVCPVEPQNRSKMNIPFRIGNAKGDDALEKRFLDKALELNM LSLKGHRSVGGIRASLYNAV TIEDVQKLA AFMKKFLEMHQL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (91)
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.

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[Protocol Download](#)

Gene Info — PSAT1

Entrez GeneID [29968](#)

GeneBank Accession# [NM_058179.2](#)

Protein Accession# [NP_478059.1](#)

Gene Name PSAT1

Gene Alias EPIP, MGC1460, PSA, PSAT

Gene Description phosphoserine aminotransferase 1

Omim ID [610936](#) [610992](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is likely a phosphoserine aminotransferase, based on similarity to proteins in mouse, rabbit, and Drosophila. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000021524|OTTHUMP00000021525|endometrial progesterone-induced protein|phosphoserine aminotransferase

Pathway

- [Glycine](#)
- [Metabolic pathways](#)

- [Vitamin B6 metabolism](#)