

MaxPab®

DPYS purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001807-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human DPYS protein.
Immunogen	DPYS (ADZ15412.1, 1 a.a. ~ 519 a.a) full-length human protein.
Sequence	MAAPSRLLIRGGRVVNDDFSEVADVLVEDGVVRALGHDLLPPGGAPAGLRVLDAAAGKLVLPGGI DTHTHMQFPFMGSRSIDDFHQGTKAALSGGTTMIDFAIPQKGGSLIEAFETWRSWADPKVCCDY SLHVAVTWWSDQVKEEMKILVQDKGVNSFKMFMAKDYLMVTDLELYEAFSRCKEIGAIQVHA ENGDLIAEGAKKMLALGITGPEGHELCPPEAVEAEATLRAITASAVNCPLYVHVMSKSAKVIAD ARRDGKVYGEPIAASLGTGTHYWNKEWHHAHHVMGPPLRPDPSTPDFLMNLLANDDLTTTG TDNCTFNTCQKALGKDDFTKIPNGVNGVEDRMSVWEKGVHSGKMDENRFVAVTSTNAKIFNLY PRKGRIAVGSDADVIWDPKGTRTISAKTHHQAVERNIFEGMVCHGVPLVTISRKVVYEAGVFSVT AGDGKFIPRKPFAYIYKRIKQRDRTCTPTPVERAPYKGEVATLKSRTKEDATAGTRKQHP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89)
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](#)

Gene Info — DPYS

Entrez GeneID [1807](#)

GeneBank Accession# [JF432195.1](#)

Protein Accession# [ADZ15412.1](#)

Gene Name DPYS

Gene Alias DHP, DHPase

Gene Description dihydropyrimidinase

Omim ID [222748](#)

Gene Ontology [Hyperlink](#)

Gene Summary Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria. [provided by RefSeq]

Other Designations dihydropyrimidine amidohydrolase|hydantoinase

Pathway

- [beta-Alanine metabolism](#)
- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)
- [Pyrimidine metabolism](#)

Disease

- [Colorectal Neoplasms](#)
- [Drug Toxicity](#)
- [Liver Diseases](#)

- [Neoplasms](#)