



Anti-DPYS (aa 422-519) polyclonal antibody (DPAB-DC779)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	DPYS (NP_001376, 422 a.a. ~ 519 a.a) partial recombinant protein with GST tag. The sequence is AVNFNIFEGMVCHGVPLVTISRKVVYEAGVFSVTAGDGKFIPRKPF AEYIYKRIKQRDR TCTPTPVERAPYKGEVATLKS RVTKEDATAGTRKQ AHP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [DPYS dihydropyrimidinase \[Homo sapiens \(human\) \]](#)

Official Symbol	DPYS
Synonyms	DPYS; dihydropyrimidinase; DHP; DHPase; hydantoinase; dihydropyrimidine amidohydrolase;
Entrez Gene ID	1807
Protein Refseq	NP_001376
UniProt ID	Q14117
Chromosome Location	8q22
Pathway	Drug metabolism - other enzymes; Fluoropyrimidine Activity; Metabolism of nucleotides; Pantothenate and CoA biosynthesis.
Function	amino acid binding; dihydropyrimidinase activity; phosphoprotein binding; thymine binding