



Anti-DPYS (aa 440-512) polyclonal antibody (DPABH-20162)

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

PRODUCT INFORMATION

Antigen Description	Catalyzes the second step of the reductive pyrimidine degradation, the reversible hydrolytic ring opening of dihydropyrimidines. Can catalyzes the ring opening of 5,6-dihydrouracil to N-carbamyl-alanine and of 5,6-dihydrothymine to N-carbamyl-amino isobutyrate.
Immunogen	antigen sequence: TISRGKVVE AGVFSVTAGD GKFIPRKPFA EYIYKRIKQR DRTCTPTPVE RPYKGEVAT LKSRVTKEDA TAG, corresponding to amino acids 440-512 of Human Dihydropyrimidinase. (Q14117)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, IHC-P, WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	DPYS dihydropyrimidinase [Homo sapiens]
Official Symbol	DPYS
Synonyms	DPYS; dihydropyrimidinase; DHP; DHPase; hydantoinase; dihydropyrimidine amidohydrolase;
Entrez Gene ID	1807
Protein Refseq	NP_001376.1
UniProt ID	Q14117
Pathway	Drug metabolism - other enzymes; Fluoropyrimidine Activity; Metabolism of nucleotides; Pantothenate and CoA biosynthesis
Function	amino acid binding; dihydropyrimidinase activity; dihydropyrimidinase activity; dihydropyrimidinase activity