

Rabbit anti-Human DPYS Polyclonal Antibody | anti-DPYS antibody

DPYS Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288189	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

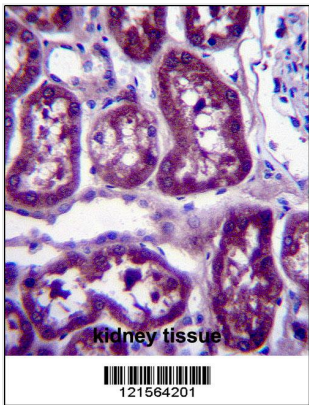
PRODUCT SYNONYMS

DPYS; Polyclonal Antibody; DPYS Antibody (C-term); Dihydropyrimidinase; DHP; DHPase; Dihydropyrimidine amidohydrolase; Hydantoinase; anti-DPYS antibody

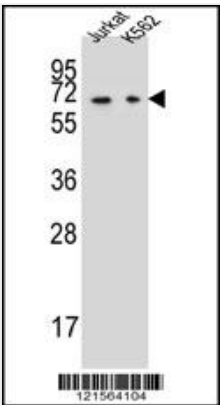
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DPYS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-482 amino acids from the C-terminal region of human DPYS.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	454-482
Sequence Length	519
Applicable Applications for anti-DPYS antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DPYS Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DPYS Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
DPYS Antibody (C-term) western blot analysis in Jurkat,K562 cell line lysates (35ug/lane).This demonstrates the DPYS antibody detected the DPYS protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DPYS antibody	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.
References	Kim, H.Y., et al. BMB Rep 43(8):547-553(2010) van Kuilenburg, A.B., et al. Biochim. Biophys. Acta 1802 (7-8), 639-648 (2010) : Fidlerova, J., et al. Cancer Chemother. Pharmacol. 65(4):661-669(2010) Thomas, H.R., et al. Pharmacogenet. Genomics 18(1):25-35(2008) Thomas, H.R., et al. Pharmacogenet. Genomics 17(11):973-987(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503375
NCBI GeneID	1807
NCBI Accession #	NP_001376.1
NCBI GenBank Nucleotide #	NM_001385.2
UniProt Accession #	Q14117
Molecular Weight	56630
NCBI Official Full Name	dihydropyrimidinase
NCBI Official Synonym Full Names	dihydropyrimidinase
NCBI Official Symbol	DPYS
NCBI Official Synonym Symbols	DHP; DHPase
NCBI Protein Information	dihydropyrimidinase
UniProt Protein Name	Dihydropyrimidinase
UniProt Gene Name	DPYS
UniProt Synonym Gene Names	DHP; DHPase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dpys-antibody-immunohistochemistry-western-blot-elisa/288189>