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DPYS Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13434b

Specification

DPYS Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q14117
Other Accession	NP_001376.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**56630**
Antigen Region	**454-482**

DPYS Antibody (C-term) - Additional Information

Gene ID 1807

Other Names
Dihydropyrimidinase, DHP, DHPase, Dihydropyrimidine amidohydrolase, Hydantoinase, DPYS

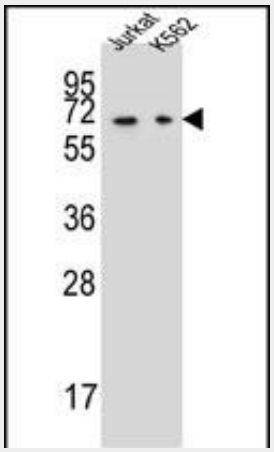
Target/Specificity
This DPYS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-482 amino acids from the C-terminal region of human DPYS.

Dilution
WB~~1:1000
IHC-P~~1:10~50

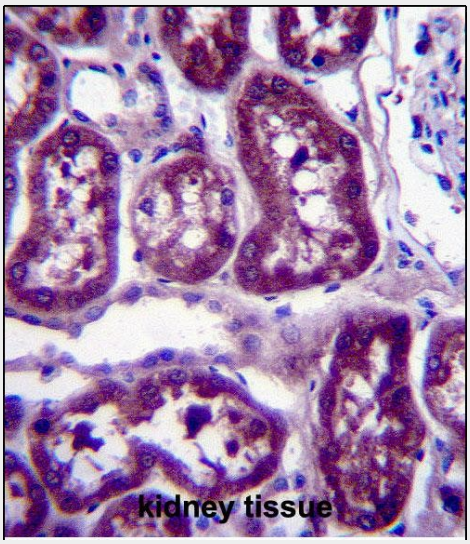
Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
DPYS Antibody (C-term) is for research use



DPYS Antibody (C-term) (Cat. #AP13434b) western blot analysis in Jurkat,K562 cell line lysates (35ug/lane).This demonstrates the DPYS antibody detected the DPYS protein (arrow).



DPYS Antibody (C-term) (Cat. #AP13434b)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.

only and not for use in diagnostic or therapeutic procedures.

DPYS Antibody (C-term) - Protein Information

Name DPYS

Function
Catalyzes the second step of the reductive pyrimidine degradation, the reversible hydrolytic ring opening of dihydropyrimidines. Can catalyze the ring opening of 5,6-dihydrouracil to N-carbamyl-alanine and of 5,6-dihydrothymine to N-carbamyl-amino isobutyrate.

Tissue Location
Liver and kidney.

DPYS Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DPYS Antibody (C-term) - Background

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.

DPYS Antibody (C-term) - References

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