



Anti-DPYS antibody ab121844

画像数 3

製品の概要

製品名	Anti-DPYS antibody
製品の詳細	Rabbit polyclonal to DPYS
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, IHC-P, WB
種交差性	交差種: Human
免疫原	Recombinant fragment corresponding to Human DPYS aa 440-512. Sequence: TISRKGVVYEAGVFSVTAGDGKFIPRKPFAEYIYKRIKQRDR TCTPTPVE RPYKGEVATLKSRVTKEDATAG  Run BLAST with  Run BLAST with
ポジティブ・コントロール	Human kidney tissue; DPYS over-expression HEK293T lysate.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

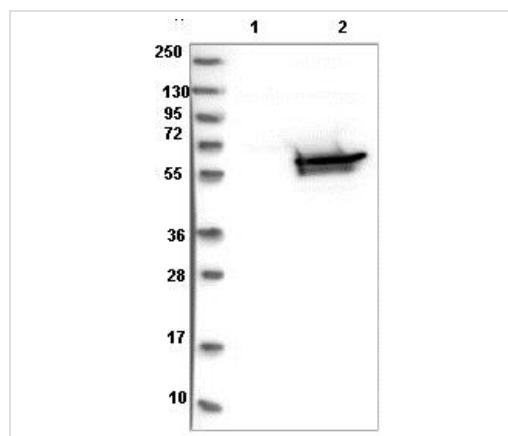
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab121844の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.

ターゲット情報

機能	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.
組織特異性	Liver and kidney.
関連疾患	Defects in DPYS are the cause of dihydropyrimidinase deficiency (DHPD) [MIM:222748]. DHPD is an autosomal recessive disorder characterized by dihydropyrimidinuria and associated with a variable clinical phenotype: epileptic or convulsive attacks, dysmorphic features and severe developmental delay, and congenital microvillous atrophy.
配列類似性	Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.
翻訳後修飾	Carbamylation allows a single lysine to coordinate two zinc ions.

画像



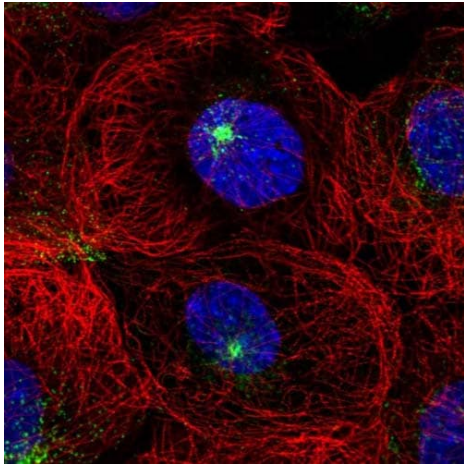
Western blot - Anti-DPYS antibody (ab121844)

All lanes : Anti-DPYS antibody (ab121844) at 1/250 dilution

Lane 1 : Negative control (vector only transfected HEK293T lysate)

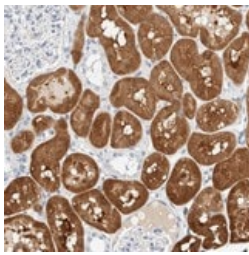
Lane 2 : Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)

Developed using the ECL technique.



Immunocytochemistry/ Immunofluorescence - Anti-DPYS antibody (ab121844)

Immunofluorescent staining of Human cell line A-431 shows positivity in vesicles and centrosome. Recommended concentration of ab121844 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DPYS antibody (ab121844)

ab121844 at 1/500 dilution staining DPYS in Paraffin-embedded Human kidney tissue by Immunohistochemistry.

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