

# MOUSE Dpys Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21077a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9EQF5</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB43258
<b>Calculated MW</b>	56725

## Additional Information

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<b>Gene ID</b>	64705
<b>Other Names</b>	Dihydropyrimidinase, DHP, DHPase, Dihydropyrimidine amidohydrolase, Hydantoinase, Dpys
<b>Target/Specificity</b>	This mouse Dpys antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 470-501 amino acids from the C-terminal region of mouse Dpys.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	MOUSE Dpys Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Dpys
<b>Function</b>	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 (By similarity).

## Background

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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 (By similarity).

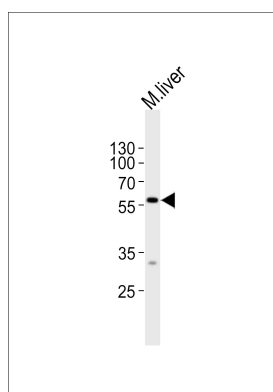
## References

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Fukada M.,et al.J. Biol. Chem. 275:37957-37965(2000).  
Chang C.J.,et al.Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases.  
Carninci P.,et al.Science 309:1559-1563(2005).

## Images

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Western blot analysis of lysate from mouse liver tissue, using mouse Dpys Antibody (C-term)(Cat. #AP21077a). AP21077a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.