

**Mouse Dpys Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21077a**

**Specification**

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**Mouse Dpys Antibody (C-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">Q9EQF5</a> |
| Reactivity        | Mouse                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |

**Mouse Dpys Antibody (C-term) - Additional Information**

**Gene ID** 64705

**Other Names**

Dihydropyrimidinase, DHP, DHPase, Dihydropyrimidine amidohydrolase, Hydantoinase, Dpys

**Target/Specificity**

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.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**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**

Mouse Dpys Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Dpys Antibody (C-term) - Protein Information**

**Name** Dpys

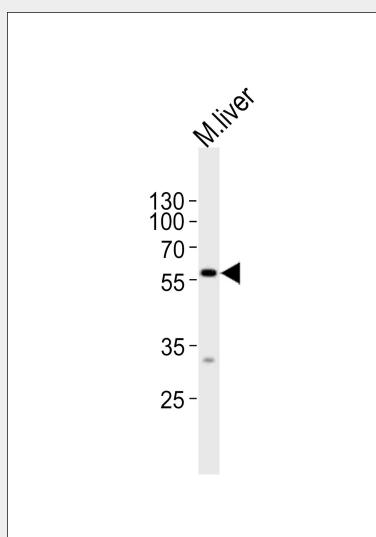
**Function** Catalyzes the second step of the reductive pyrimidine degradation, the reversible hydrolytic ring opening of dihydropyrimidines. Can catalyze the ring opening of 5,6-dihydrouracil to N-carbamyl-alanine and of 5,6-dihydrothymine to N-carbamyl-amino isobutyrate (By similarity).

## Mouse 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 Cytometry](#)
- [Cell Culture](#)

## Mouse Dpys Antibody (C-term) - Images



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.

## Mouse Dpys Antibody (C-term) - Background

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).

## Mouse Dpys Antibody (C-term) - References

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