

## DATASHEET

# Dihydropyrimidinase Rabbit Polyclonal Antibody

CAT. NO. APA12872

### KEY FEATURES

Target	Dihydropyrimidinase	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### 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.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

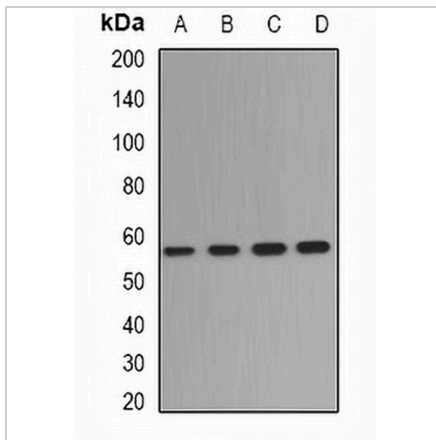
Description	Rabbit polyclonal antibody to Dihydropyrimidinase
Specificity	Recognizes endogenous levels of Dihydropyrimidinase protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Dihydropyrimidinase
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 56 kD; Observed: 55 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Dihydropyrimidinase; DHP; DHPase; Dihydropyrimidine amidohydrolase; Hydantoinase
Gene Symbol	DPYS
Entrez Gene	1807(Human); 64705(Mouse); 65135(Rat)
SwissProt	Q14117(Human); Q9EQF5(Mouse); Q63150(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of Dihydropyrimidinase expression in HEK293T (A), mouse liver (B), mouse brain (C), rat kidney (D) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 55 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.