# .-online.com antibodies

# Datasheet for ABIN2776833 anti-DPYS antibody (Middle Region)

1 Image

1 Publication



### Overview

Quantity:	100 μL
Target:	DPYS
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYS antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DPYS	
Sequence:	LRPDPSTPDF LMNLLANDDL TTTGTDNCTF NTCQKALGKD DFTKIPNGVN	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against DPYS. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Protein A purified	
Target Details		
Target:	DPYS	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2776833 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	DPYS (DPYS Products)
Background:	<ul> <li>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.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 dihydropyrimidine 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.</li> <li>Alias Symbols: DHP, DHPase</li> <li>Protein Interaction Partner: DPYSL5,</li> <li>Protein Size: 519</li> </ul>
Molecular Weight:	56 kDa
Gene ID:	1807
NCBI Accession:	NM_001385, NP_001376
UniProt:	Q14117
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 519 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

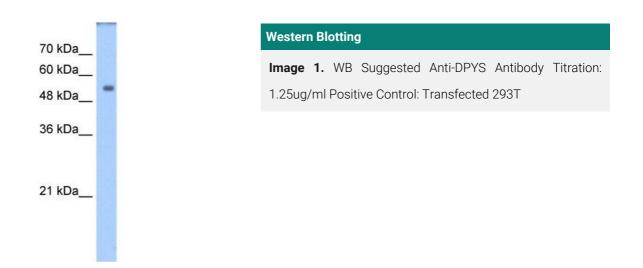
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2776833 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

1 I	•
land	lina
าสเบเ	
iuiiu	шıч

Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	
Publications		

Product cited in:Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck,<br/>Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer,<br/>Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the<br/>Mammalian Gene Collection (MGC). ..." in: Genome research, Vol. 14, Issue 10B, pp. 2121-7, (<br/>2004) (PubMed).

#### Images



Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2776833 | 09/11/2023 | Copyright antibodies-online. All rights reserved.