antibodies.com

Datasheet for ABIN3030731 anti-DPYD antibody (AA 33-52)

2 Images



Overview

Quantity:	100 µg
Target:	DPYD
Binding Specificity:	AA 33-52
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 33-52 (AKKLDKKHWKRNPDKNCFNC-human) were used as the immunogen for
	this DPYD antibody.
lsotype:	lgG
Purification:	Antigen affinity

Target Details

Target:	DPYD
Alternative Name:	DPYD (DPYD Products)
Background:	Dihydropyrimidine Dehydrogenase, also called DPD, is an enzyme that in humans is encoded by
	the DPYD gene. The protein encoded by this gene is a pyrimidine catabolic enzyme and the
	initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. The structure

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 ABIN3030731 | 01/16/2024 | Copyright antibodies-online. All rights reserved.

	of the gene contains 23 exons spanning about 950 kb. Using somatic cell hybrid strategies, the gene was mapped to the centromeric region of chromosome 1 between 1p22 and 1q21. By fluorescence in situ hybridization, the gene is mapped to 1p22. The highest level of DPYD was found in monocytes followed by that in lymphocytes, granulocytes, and platelets, whereas no significant activity could be detected in erythrocytes. The activity of DPYD in peripheral blood mononuclear cells was intermediate between that observed in monocytes and lymphocytes. By cDNA microarray, Western blot analysis, and luciferase reporter assay, the transcription factor LSF was identified as a positive regulator of DPYD.
UniProt:	Q12882
Pathways:	Ribonucleoside Biosynthetic Process
Application Details	
Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the DPYD
	antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
	Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only
Handling	
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the DPYD antibody can be stored for up to one month at 4°C. For long- term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images

kDa
200
116 - 🁝
97
66
44
31
22
14
6
kDa
200
116 - 🕳
97
66
44
31
22
14
14

Westerr Image			blot	testing	of	DPYD	antibody	and
MM231	l ce	ll lysate						
Westerr	ו Bl	otting						
Westerr Image			blot	testing	of	DPYD	antibody	and
Image	2.		blot	testing	of	DPYD	antibody	and
Image	2.	Western	blot	testing	of	DPYD	antibody	and
Image	2.	Western	blot	testing	of	DPYD	antibody	and
Image	2.	Western	blot	testing	of	DPYD	antibody	and

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 ABIN3030731 | 01/16/2024 | Copyright antibodies-online. All rights reserved.