antibodies.com

Datasheet for ABIN3043543 anti-SLC19A1 antibody (Middle Region)

2 Images



Overview

Quantity:	100 µg	
Target:	SLC19A1	
Binding Specificity:	AA 202-231, Middle Region	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC19A1 antibody is un-conjugated	
Application:	Western Blotting (WB)	

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Folate transporter 1(SLC19A1) detection. Tested with WB in Human.	
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human SLC19A1 (202 231aa FLKRPKRSLFFNRDDRGRCETSASELERMN).	
Sequence:	FLKRPKRSLF FNRDDRGRCE TSASELERMN	
lsotype:	lgG	
Cross-Reactivity (Details):	No cross reactivity with other proteins.	
Characteristics:	Rabbit IgG polyclonal antibody for Folate transporter 1(SLC19A1) detection. Tested with WB in Human. Gene Name: solute carrier family 19 (folate transporter), member 1 Protein Name: Folate transporter 1	

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 1/4 | Product datasheet for ABIN3043543 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Product Details

Purification:

Immunogen affinity purified.

Target Details

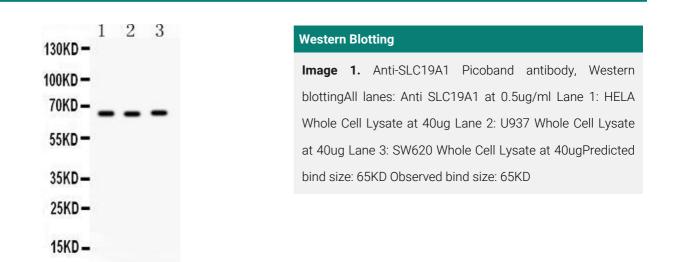
Target:	SLC19A1			
Alternative Name:	SLC19A1 (SLC19A1 Products)			
Background:	Solute carrier family 19 (folate transporter), member 1, also known as SLC19A1 or RFC1, is a			
	protein which in humans is encoded by the SLC19A1 gene. Transport of folate compounds into			
	mammalian cells can occur via receptor-mediated or carrier-mediated mechanisms. A			
	functional coordination between these 2 mechanisms has been proposed to be the method of			
	folate uptake in certain cell types. Methotrexate (MTX) is an antifolate chemotherapeutic agent			
	that is actively transported by the carrier-mediated uptake system. And RFC1 plays a role in			
	maintaining intracellular concentrations of folate.			
	Synonyms: CHMD antibody FLOT 1 antibody FLOT1 antibody Folate transporter 1			
	antibody FOLT antibody IFC 1 antibody IFC-1 antibody IFC1 antibody Intestinal folate carrier 1			
	antibody Intestinal folate carrier antibody OTTHUMP00000115459			
	antibody OTTHUMP00000115460 antibody Placental folate transporter antibody Reduced			
	folate carrier antibody Reduced folate carrier protein antibody REFC antibody RFC 1			
	antibody RFC antibody RFC1 antibody S19A1_HUMAN antibody SLC19A1 antibody Solute			
	carrier family 19 member 1 antibody			
Gene ID:	6573			
UniProt:	P41440			
Pathways:	Dicarboxylic Acid Transport			
Application Details				
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human			
	Notes: Tested Species: Species with positive results.			
	Other applications have not been tested. Optimal dilutions should be determined by end users.			
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.			
Restrictions:	For Research Use only			

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 2/4 | Product datasheet for ABIN3043543 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Handling

Lyophilized		
Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL.		
500 μg/mL		
Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.		
Sodium azide		
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Avoid repeated freezing and thawing.		
4 °C/-20 °C		
At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.		

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 3/4 | Product datasheet for ABIN3043543 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

	1	2	3
130KD -			
100KD -			
70KD -	-	-	-
55KD -			
35KD-			
25KD -			
15KD -			

Western Blotting

Image 2. Observed bind size: 65KD

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 4/4 | Product datasheet for ABIN3043543 | 09/11/2023 | Copyright antibodies-online. All rights reserved.