.-online.com antibodies

Datasheet for ABIN881600 anti-Adenylosuccinate Lyase antibody (AA 185-280) (Cy7)



Overview

Quantity:	100 µL
Target:	Adenylosuccinate Lyase (ADSL)
Binding Specificity:	AA 185-280
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenylosuccinate Lyase antibody is conjugated to Cy7
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Adenylosuccinate Lyase
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.
Target Details	
Target:	Adenylosuccinate Lyase (ADSL)
Alternative Name:	Adenylosuccinate Lyase (ADSL Products)

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 1/2 | Product datasheet for ABIN881600 | 03/06/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Background:	Synonyms: Adenylosuccinase, Adenylosuccinate Iyase, ADSL, AMPS, ASase, ASL, PUR8_HUMAN.
	Background: Adenylsuccinate lyase is involved in both de novo synthesis of purines and
	formation of adenosine monophosphate from inosine monophosphate. It catalyzes two
	reactions in AMP biosynthesis: the removal of a fumarate from succinylaminoimidazole
	carboxamide (SAICA) ribotide to give aminoimidazole carboxamide ribotide (AICA) and removal
	of fumarate from adenylosuccinate to give AMP. Adenylosuccinase deficiency results in
	succinylpurinemic autism, psychomotor retardation, and , in some cases, growth retardation
	associated with muscle wasting and epilepsy. Two transcript variants encoding different
	isoforms have been found for this gene. [provided by RefSeq, Jul 2008].
Pathways:	Ribonucleoside Biosynthetic Process
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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 2/2 | Product datasheet for ABIN881600 | 03/06/2024 | Copyright antibodies-online. All rights reserved.