Datasheet for ABIN7148716

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anti-CTP Synthase antibody (AA 300-554) (FITC)

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Overview

Quantity:	100 µg
Target:	CTP Synthase (CTPS)
Binding Specificity:	AA 300-554
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTP Synthase antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human CTP synthase 1 protein (300-554AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CTP Synthase (CTPS)
Alternative Name:	CTPS1 (CTPS Products)
Background:	Background: This enzyme is involved in the de novo synthesis of CTP, a precursor of DNA, RNA
	and phospholipids. Catalyzes the ATP-dependent amination of UTP to CTP with either L-

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	glutamine or ammonia as a source of nitrogen. This enzyme and its product, CTP, play a crucial
	role in the proliferation of activated lymphocytes and therefore in immunity.
	Aliases: CTPS1 antibody, CTPS antibody, CTP synthase 1 antibody, EC 6.3.4.2 antibody, CTP
	synthetase 1 antibody, UTPammonia ligase 1 antibody
UniProt:	P17812
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.