

Datasheet for ABIN629790  
**anti-CTP Synthase antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µg
Target:	CTP Synthase (CTPS)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTP Synthase antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Ctp Synthase antibody was raised using the C terminal of CTPS corresponding to a region with amino acids FGLLLASVGRLSHYLQKGCRLSPRDTYSDRSGSSSPDSEITELKFPSINH
Specificity:	Ctp Synthase antibody was raised against the C terminal of CTPS
Purification:	Purified

## Target Details

Target:	CTP Synthase (CTPS)
Alternative Name:	Ctp Synthase ( <a href="#">CTPS Products</a> )
Background:	The catalytic conversion of UTP to CTP is accomplished by the enzyme cytidine-5-prime-triphosphate synthetase. The enzyme is important in the biosynthesis of phospholipids and nucleic acids, and plays a key role in cell growth, development, and tumorigenesis.

## Target Details

Molecular Weight:	67 kDa (MW of target protein)
Pathways:	<a href="#">Proton Transport</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	WB: 5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Ctp Synthase Blocking Peptide, catalog no. 33R-2906, is also available for use as a blocking control in assays to test for specificity of this Ctp Synthase antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CTPS antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** Ctp Synthase antibody used at 5 ug/ml to detect target protein.