

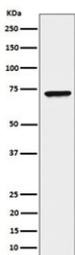
## CTPS1 Antibody / CTP synthase [clone 29C09] (RQ8707)

Catalog No.	Formulation	Size
RQ8707	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

<b>Availability</b>	1-3 days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	29C09
<b>Purity</b>	Affinity chromatography
<b>UniProt</b>	P17812
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This CTPS1 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with CTPS1 antibody. Predicted molecular weight ~67 kDa.

### Description

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-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. [UniProt]

### Application Notes

Optimal dilution of the CTPS1 antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide specific to human CTP synthase protein was used as the immunogen for the CTPS1 antibody.

## **Storage**

Store the CTPS1 antibody at -20oC.