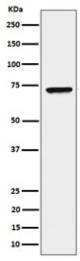
CTPS1 Antibody / CTP synthase [clone 29C09] (RQ8707)

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

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	29C09
Purity	Affinity chromatography
UniProt	P17812
Applications	1:500-1:2000
Limitations	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.

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