

Product datasheet for **TA339250**

CTP synthase (CTPS1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CTPS antibody: synthetic peptide directed towards the C terminal of human CTPS. Synthetic peptide located within the following region: FGLLLASVGRLSHYLQKGCRSPRDYSDRSGSSSPDSEITELKFPSINH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	CTP synthase 1
Database Link:	NP_001896 Entrez Gene 1503 Human P17812



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Background: This gene encodes an enzyme responsible for the catalytic conversion of UTP (uridine triphosphate) to CTP (cytidine triphosphate). This reaction is an important step in the biosynthesis of phospholipids and nucleic acids. Activity of this protein is important in the immune system, and loss of function of this gene has been associated with immunodeficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Synonyms: CTPS; IMD24

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

Protein Pathways: Metabolic pathways, Pyrimidine metabolism

Product images:



WB Suggested Anti-CTPS Antibody Titration: 5.0 ug/ml; Positive Control: HepG2 cell lysate