
Product Name: CTPsynthase/CTPS Rabbit Monoclonal Antibody**Catalog #: AMRe84776**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,FC 1:20-1:100
Molecular Weight	Calculated MW: 67 kDa ; Observed MW: 72 kDa

Antigen Information

Gene Name	CTPsynthase/CTPS
Alternative Names	CTP synthase 1; CTPS; IMD24;;CTPS1
Gene ID	
SwissProt ID	P17812
Immunogen	A synthesized peptide derived from human CTPS1

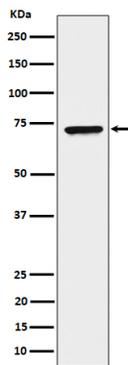
Background

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-glutamine or ammonia as a source of nitrogen. This enzyme and its product,

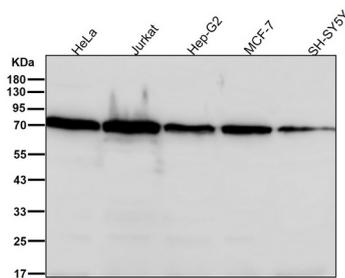
CTP, play a crucial role in the proliferation of activated lymphocytes and therefore in immunity.

Research Area

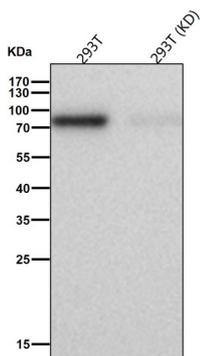
Image Data



Western blot analysis of CTP synthase / CTPS expression in HeLa cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.