
Product Name: CTP Synthase Rabbit Monoclonal Antibody**Catalog #: AMRe85462**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 67 kDa; Observed MW: 67 kDa

Antigen Information

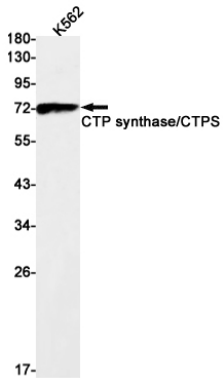
Gene Name	CTP Synthase
Alternative Names	CTPS; GATD5; IMD24
Gene ID	1503.0
SwissProt ID	P17812
Immunogen	A synthetic peptide of human CTP synthase

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 in K562 lysates using CTP Synthase antibody.