

### CTP Synthase Rabbit mAb

**Catalog # AP75301** 

### **Specification**

## **CTP Synthase Rabbit mAb - Product Information**

Application WB
Primary Accession P17812
Host Rabbit

Clonality Monoclonal Antibody

Calculated MW 66690

## CTP Synthase Rabbit mAb - Additional Information

**Gene ID 1503** 

Other Names CTPS1

**Dilution** 

WB~~1/500-1/1000

**Format** Liquid

## CTP Synthase Rabbit mAb - Protein Information

Name CTPS1 (HGNC:2519)

#### **Function**

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.

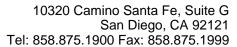
### **Cellular Location**

Cytoplasm, cytosol. Note=Mainly cytosolic but when active detected in long filamentous structures (PubMed:25223282). Co-localizes with TNK2 in the cytosolic filaments (By similarity). {ECO:0000250|UniProtKB:P70698, ECO:0000269|PubMed:25223282}

**Tissue Location** Widely expressed..

## **CTP Synthase Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.





- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **CTP Synthase Rabbit mAb - Images**

