

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTP Synthase Rabbit mAb - Images

