

CTP Synthase Rabbit mAb

Catalog # AP75301

Product Information

Application	WB
Primary Accession	P17812
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	66690

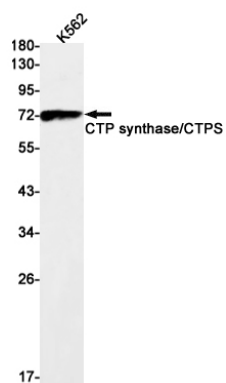
Additional Information

Gene ID	1503
Other Names	CTPS1
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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..

Images



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