

# CTPS Polyclonal Antibody

Cat No: HR1AP3181

For research use only

## Overview

Product Name	CTPS Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	67kDa
GeneID?Human?	CTPS1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CTPS1; CTPS; CTP synthase 1; CTP synthetase 1; UTP--ammonia ligase 1
Background	CTP synthase 1(CTPS1) Homo sapiens This gene encodes an enzyme responsible for the catalytic conversion of UTP (uridine triphosphate) to CTP (cytidine triphosphate). This reaction is an important step in the biosynthesis of phospholipids and nucleic acids. Activity of this protein is important in the immune system, and loss of function of this gene has been associated with immunodeficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],