

For Research Use Only

CTP synthase Recombinant antibody

Catalog Number: 86455-1-RR



Basic Information

Catalog Number:	86455-1-RR	GenBank Accession Number:	BC009408	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	1503	CloneNo.:	251260F2
Source:	Rabbit	UNIPROT ID:	P17812	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	CTP synthase		
Immunogen Catalog Number:	AG8707	Calculated MW:	591 aa, 67 kDa		
		Observed MW:	67 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human, mouse	WB: HeLa cells, HepG2 cells, HEK-293 cells, K-562 cells, Raji cells, NIH/3T3 cells

Background Information

CTP synthase (CTPS) is a ubiquitous, cytosolic glutamine amidotransferase that catalyzes the ATP-dependent conversion of uridine-5' -triphosphate (UTP) to cytidine-5' -triphosphate (CTP) - the final, rate-limiting step in the de novo pyrimidine biosynthetic pathway.

Storage

Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

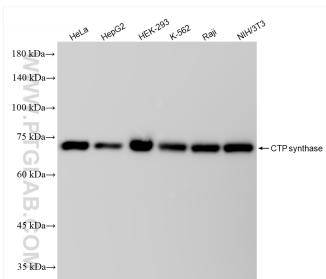
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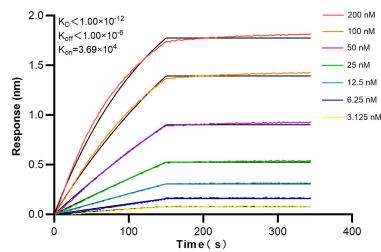
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86455-1-RR (CTPS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BBLI) kinetic assays of 86455-1-RR against Human CTP synthase were performed. The affinity constant is below 1 pM.