

Rabbit CTPS2 Polyclonal Antibody | anti-CTPS2 antibody

CTPS2 Antibody

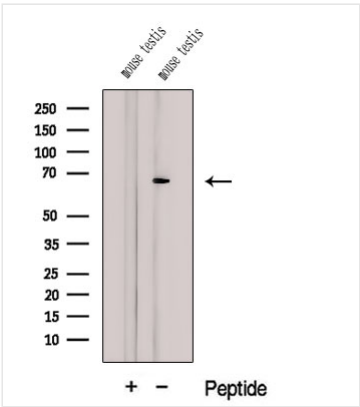
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328649	Rabbit	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	Western Blot

PRODUCT SYNONYMS

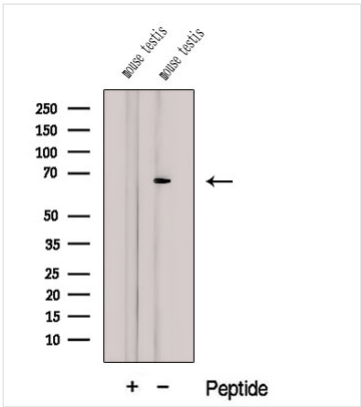
CTPS2; Polyclonal Antibody; CTPS2 Antibody; CTP synthase 2; CTP synthase II; CTP synthetase 2; CYTIDINE 5 PRIME TRIPHOSPHATE SYNTHETASE 2; FLJ43358; MGC32997; PYRG2_HUMAN; UTP--ammonia ligase 2; anti-CTPS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	CTPS2 Antibody detects endogenous levels of CTPS2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	586
Applicable Applications for anti-CTPS2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CTPS2.
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from Mouse testis tissue, using CTPS2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using CTPS2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CTPS2 antibody	Description: Catalyzes the ATP-dependent amination of UTP to CTP with either L-glutamine or ammonia as the source of nitrogen. Constitutes the rate-limiting enzyme in the synthesis of cytosine nucleotides.
	Similarity: Belongs to the CTP synthase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316689
NCBI GeneID	56474
NCBI Accession #	NP_001137474.1
NCBI GenBank Nucleotide #	NP_001137474.1
UniProt Accession #	Q9NRF8
Molecular Weight	Observed: 66 kDa Predicted: 66 kDa
NCBI Official Full Name	CTP synthase 2
NCBI Official Synonym Full Names	CTP synthase 2
NCBI Official Symbol	CTPS2
NCBI Protein Information	CTP synthase 2
UniProt Protein Name	CTP synthase 2
UniProt Gene Name	CTPS2
UniProt Entry Name	PYRG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.