

Rabbit anti-Human CTPS2 Polyclonal Antibody | anti-CTPS2 antibody

Rabbit anti-CTPS2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212678	Rabbit	Human	Immunoprecipitation, Western Blot

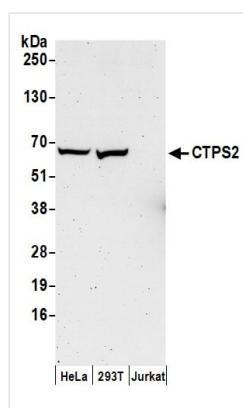
PRODUCT SYNONYMS

CTPS2; Polyclonal Antibody; Rabbit anti-CTPS2 Antibody; Affinity Purified; CTP synthetase type 2; UTP--ammonia ligase 2; cytidine 5'-triphosphate synthetase 2; CTP synthase II; CTP synthase 2; UTP-ammonia ligase 2; CTP synthetase 2; anti-CTPS2 antibody

PRODUCT SPECIFICATIONS

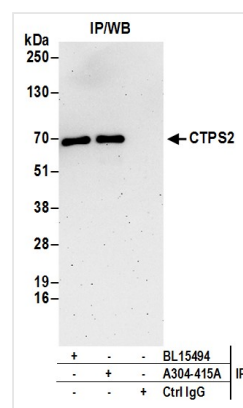
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CTPS2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 536 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CTPS2 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CTPS2 antibody AAA212678 (lot AAA212678-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CTPS2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from 293T cells. Antibodies: Affinity purified rabbit anti-CTPS2 antibody AAA212678 (lot AAA212678-1) used for IP at 6 ug per reaction. CTPS2 was also immunoprecipitated by rabbit anti-CTPS2 antibody BL15494. For blotting immunoprecipitated CTPS2, AAA212678 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CTPS2 antibody	CTP synthase 2 (CTPS2) catalyzes the ATP-dependent amination of UTP to CTP with either L-glutamine or ammonia as the source of nitrogen. CTP2 constitutes the rate-limiting enzyme in the synthesis of cytosine nucleotides [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9NRF8].
Product Categories/Family for anti-CTPS2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316689
NCBI GeneID	56474
NCBI Accession #	NP_001137474.1
NCBI GenBank Nucleotide #	NM_001144002.1
UniProt Accession #	Q9NRF8; Q9BRI0; Q9H809; Q9H8K9; B3KWM2; Q9H6Q0
Molecular Weight	65,678 Da
NCBI Official Full Name	CTP synthase 2
NCBI Official Synonym Full Names	CTP synthase II
NCBI Official Symbol	CTPS2
NCBI Official Synonym Symbols	FLJ43358; MGC32997; DKFZp686C17207
NCBI Protein Information	CTP synthase 2; CTP synthetase 2; OTTHUMP00000022985; OTTHUMP00000022986; UTP-ammonia ligase; CTP synthetase type 2; UTP--ammonia ligase 2; CTP synthetase isoform; cytidine 5'-triphosphate synthetase 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctps2-antibody-immunoprecipitation-western-blot-elisa/212678>