

Rabbit anti-Human, Mouse CTPS1 Polyclonal Antibody | anti-CTPS1 antibody

Rabbit anti-CTPS1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212760	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

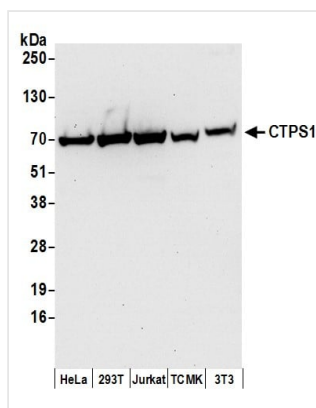
PRODUCT SYNONYMS

CTPS1; Polyclonal Antibody; Rabbit anti-CTPS1 Antibody; Affinity Purified; CTP synthase 1; GATD5; IMD24; UTP--ammonia ligase 1; cytidine 5-prime triphosphate synthetase; CTP synthetase 1; CTPS; cytidine 5'-triphosphate synthetase; anti-CTPS1 antibody

PRODUCT SPECIFICATIONS

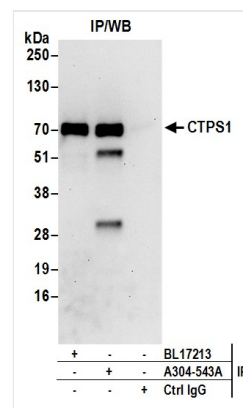
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CTPS1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 541 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 and mouse CTPS1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CTPS1 antibody AAA212760 (lot AAA212760-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CTPS1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CTPS1 antibody AAA212760 (lot AAA212760-1) used for IP at 6 ug per reaction. CTPS1 was also immunoprecipitated by rabbit anti-CTPS1 antibody BL17213. For blotting immunoprecipitated CTPS1, AAA212760 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CTPS1 antibody	CTP synthase 1 (CTPS1) catalyzes the ATP-dependent amination of UTP to CTP with either L-glutamine or ammonia as the source of nitrogen [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P17812].
Product Categories/Family for anti-CTPS1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148491070
NCBI GeneID	1503
NCBI Accession #	NP_001896.2
NCBI GenBank Nucleotide #	NM_001905.2
UniProt Accession #	P17812; Q5VW67; Q96GK6; D3DPW1
Molecular Weight	66,690 Da
NCBI Official Full Name	CTP synthase 1
NCBI Official Synonym Full Names	CTP synthase 1
NCBI Official Symbol	CTPS1
NCBI Official Synonym Symbols	CTPS
NCBI Protein Information	CTP synthase 1; CTP synthetase 1; UTP--ammonia ligase 1; cytidine 5'-triphosphate synthetase; cytidine 5-prime triphosphate synthetase
UniProt Protein Name	CTP synthase 1
UniProt Gene Name	CTPS1
UniProt Entry Name	PYRG1_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/ctps1-antibody-immunoprecipitation-western-blot-elisa/212760>