

Rabbit CTPS Polyclonal Antibody | anti-CTPS1 antibody

Anti-CTPS Antibody

CATALOG # AAA104308	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Chicken	APPLICATIONS Immunohistochemistry, Western Blot
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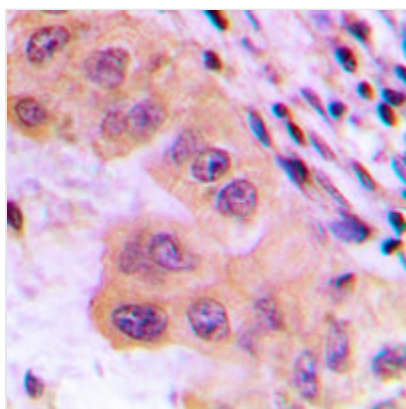
PRODUCT SYNONYMS

CTPS; Polyclonal Antibody; Anti-CTPS Antibody; CTP synthase 1; CTP synthetase 1; UTP--ammonia ligase 1; anti-CTPS1 antibody

PRODUCT SPECIFICATIONS

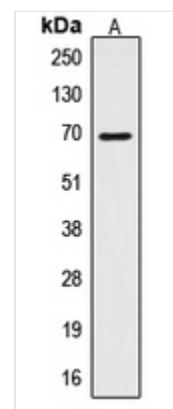
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CTPS protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	435
Applicable Applications for anti-CTPS1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CTPS. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CTPS staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CTPS expression in HepG2 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CTPS1 antibody	Rabbit polyclonal antibody to CTPS
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NCBI AND UNIPROT INFORMATION

NCBI GI #	669033298
NCBI GeneID	1503
NCBI Accession #	NP_001288166.1
NCBI GenBank Nucleotide #	NM_001301237.1
UniProt Accession #	P17812; Q5VW67; Q96GK6; B4DR64; D3DPW1
Molecular Weight	41,220 Da
NCBI Official Full Name	CTP synthase 1 isoform b
NCBI Official Synonym Full Names	CTP synthase 1
NCBI Official Symbol	CTPS1
NCBI Official Synonym Symbols	CTPS; IMD24
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/ctps-antibody-immunohistochemistry-western-blot-elisa/104308>