BT LAB
Bioassay Technology Laboratory

Optimize Your Research

CTPS Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02304
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CTPS. AA range:60-109
Mol wt	66690
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CTPS Antibody
Synonyms	CTPS1; CTPS; CTP synthase 1; CTP synthetase 1; UTP--ammonia ligase 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CTPS1 encodes an enzyme responsible for the catalytic conversion of UTP (uridine triphosphate) to CTP (cytidine triphospate). This reaction is an important step in the biosynthesis of phospholipids and nucleic acids. Activity of this proten is important in the immune system, and loss of function of CTPS1 has been associated with immunodeficiency. Alternative splicing results in multiple transcript variants.

Recommended Dilution

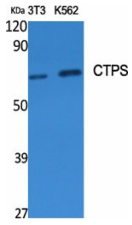
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

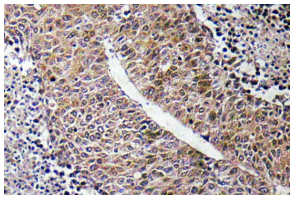
ELISA: 1: 10000

Not yet tested in other applications.

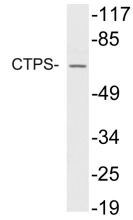
Images



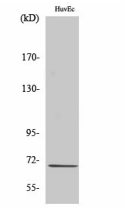
Western Blot analysis of various cells using CTPS Polyclonal Antibody diluted at 1:500



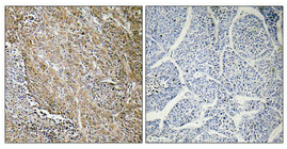
Immunohistochemistry analysis of CTPS antibody in paraffin-embedded human liver carcinoma tissue.



Western blot analysis of lysate from HUVEC cells, using CTPS antibody.



Western Blot analysis of HuvEc cells using CTPS Polyclonal Antibody diluted at 1:500



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Storage

-20°C for one year

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