

CTP synthase / CTPS Rabbit mAb

Catalog No.: A20912 **Recombinant**

Basic Information

Observed MW

75kDa

Calculated MW

67kDa

Category

Primary antibody

Applications

WB,(ELISA)

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2883

Background

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

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1503

Swiss Prot

P17812


Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human CTP synthase / CTPS (P17812).

Synonyms

CTPS; GATD5; IMD24; GATD5A; CTP synthase / CTPS

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

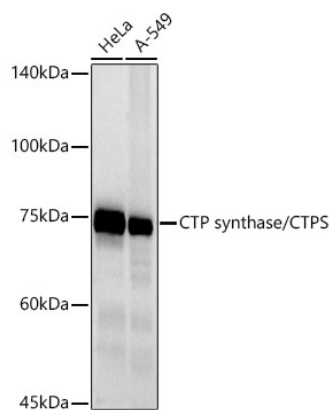
Affinity purification

Storage

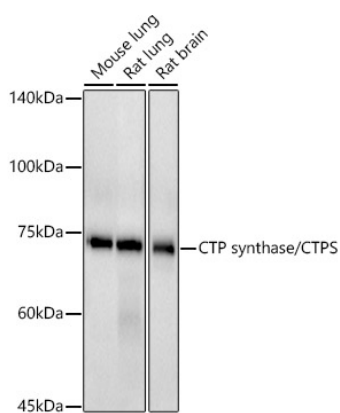
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using CTP synthase / CTPS Rabbit mAb (A20912) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Western blot analysis of various lysates using CTP synthase / CTPS Rabbit mAb (A20912) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.