

CTPS2 polyclonal antibody

Catalog: BS32478

Host: Rabbit

Reactivity: Human

BackGround:

CTP synthase 2: CTP synthase involved in the de novo synthesis of CTP, a precursor of DNA, RNA and phospholipids. Catalyzes the ATP-dependent amination of UTP to CTP with either L-glutamine or ammonia as a source of nitrogen. Constitutes the rate-limiting enzyme in the synthesis of cytosine nucleotides

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~65.7 kDa

Swiss-Prot:

Q9NRF8

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), FC (1/10 - 1/50)

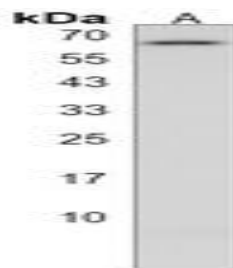
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

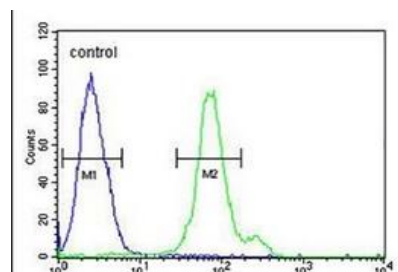
Recognizes endogenous levels of CTPS2 protein.

DATA:



Western blot analysis of PCNA expression in HEK293T (A), mouse testis (B), rat testis (C) whole cell lysates.

Immunofluorescent analysis of PCNA staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Note:

For research use only, not for use in diagnostic procedure.

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