

Product datasheet for TA361689

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CTPS2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human
Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human CTPS2

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 586

Gene Name: CTP synthase 2

Database Link: NP 001137474.1

Entrez Gene 56474 Human

Q9NRF8

Background: The protein encoded by this gene catalyzes the formation of CTP from UTP with the

concomitant deamination of glutamine to glutamate. This protein is the rate-limiting enzyme in the synthesis of cytosine nucleotides, which play an important role in various metabolic processes and provide the precursors necessary for the synthesis of RNA and DNA. Cancer cells that exhibit increased cell proliferation also exhibit an increased activity of this encoded protein. Thus, this protein is an attractive target for selective chemotherapy. Alternative

splicing results in multiple transcript variants.

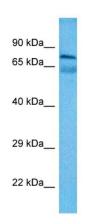
Synonyms: DKFZp686C17207; FLJ43358; MGC32997





Protein Pathways: Metabolic pathways, Pyrimidine metabolism

Product images:



Host: Rabbit

Target Name: CTPS2

Sample Type: Leiomyosarcoma Tumor Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit Target Name: CTPS2

Sample Tissue: Human Leiomyosarcoma Tumor

lysates

Antibody Dilution: 1ug/ml