

A5713

Leader in Biomolecular Solutions for Life Science



CS Rabbit pAb

Catalog No.: A5713

6 Publications

Basic Information

Observed MW

45kDa

Calculated MW

52kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

The protein encoded by this gene is a Krebs tricarboxylic acid cycle enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A. The enzyme is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

1431

Swiss Prot

O75390

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 167-466 of human CS (NP_004068.2).

Synonyms

CS

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

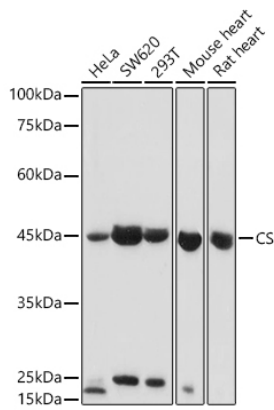
Affinity purification

Storage

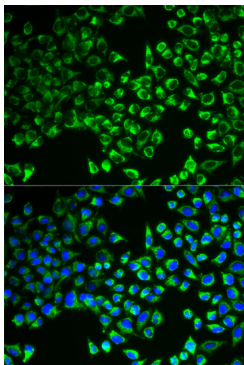
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

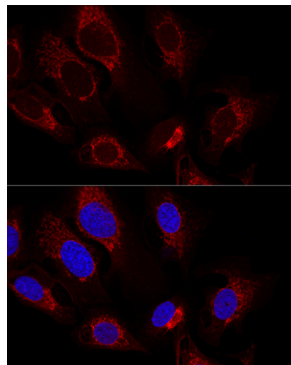
Validation Data



Western blot analysis of extracts of various cell lines, using CS antibody (A5713) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) 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.



Immunofluorescence analysis of MCF-7 cells using CS antibody (A5713). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U2OS cells using CS Polyclonal Antibody (A5713) at dilution of 1:100. Blue: DAPI for nuclear staining.