Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Citrate synthetase Rabbit mAb

Catalog No.: A23371 Recombinant

Basic Information

Observed MW
51kDa

Calculated MW
52kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC59586

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 metablism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200
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 28-145 of human Citrate synthetase (NP_004068.2).

Synonyms
CS; citrate synthase; Citrate synthetase

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

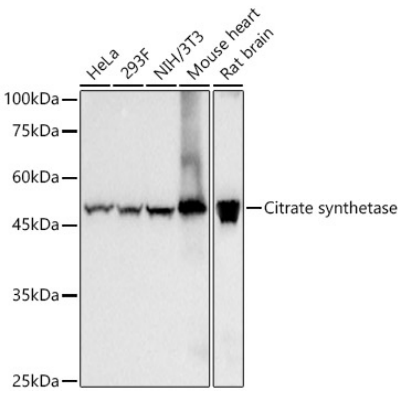
Source
Rabbit

Isotype
IgG

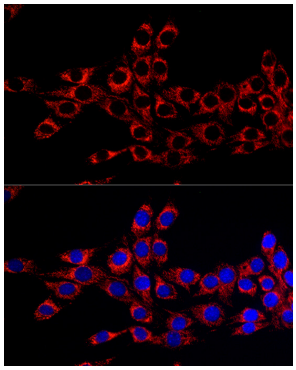
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

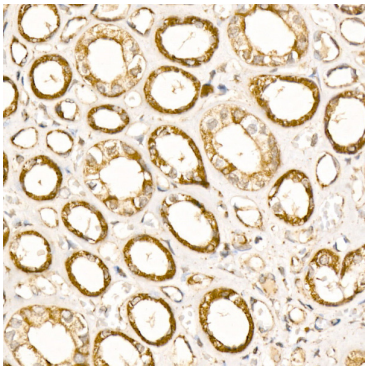
Validation Data



Western blot analysis of various lysates, using Citrate synthetase Rabbit mAb (A23371) at 1:2000 dilution.
Secondary antibody: HRP 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: 1s.



Immunofluorescence analysis of C2C12 cells using Citrate synthetase Rabbit mAb (A23371) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human kidney using Citrate synthetase Rabbit mAb (A23371) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.