

Anti-Citrate synthetase CS Monoclonal Antibody

Catalog # ABO14397

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	O75390
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Citrate synthetase Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	1431
Other Names	Citrate synthase, mitochondrial, 2.3.3.1, Citrate (Si)-synthase, CS
Calculated MW	51712
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ACAO-3
Immunogen	A synthesized peptide derived from human Citrate synthetase Carbohydrate metabolism; tricarboxylic acid cycle; isocitrate from oxaloacetate: step 1/2.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

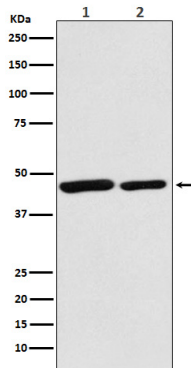
Name	CS
Function	Key enzyme of the Krebs tricarboxylic acid cycle which catalyzes the

synthesis of citrate from acetyl coenzyme A and oxaloacetate.

Cellular Location

Mitochondrion matrix {ECO:0000250 | UniProtKB:P00889}

Images



Western blot analysis of Citrate synthetase expression in (1) HeLa cell lysate; (1) Mouse spleen lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.