

Datasheet for ABIN7464985
anti-CS antibody



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Overview

Quantity:	100 µL
Target:	CS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CS antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Citrate synthetase. The exact sequence is proprietary.
Clone:	GT1761
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Purification:	Affinity purified by Protein G.
Grade:	KO Validated

Target Details

Target:	CS
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Target Details

Alternative Name:	citrate synthase (CS Products)
Background:	Citrate synthase, 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. [provided by RefSeq]
Molecular Weight:	52 kDa
Gene ID:	1431
UniProt:	O75390

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: zebrafish brain , 293T , A431 , HeLa , HepG2 , A375 , mouse brain , zebrafish heart , rat brain Validation: KO/KD, Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.