

## CS

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 51kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human CS

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:** A5713

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1431

**Isotype:** IgG

**Swiss Prot:** O75390

**Purity:** Affinity purification

For research use only.

**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.

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