

## Rabbit Citrate synthase, mitochondrial Polyclonal Antibody | anti-CS antibody

Rabbit anti-human Citrate synthase, mitochondrial polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY       | APPLICATIONS                              |
|-----------|--------|------------------|-------------------------------------------|
| AAA229968 | Rabbit | Human, Zebrafish | Immunohistochemistry, Western Blot, ELISA |

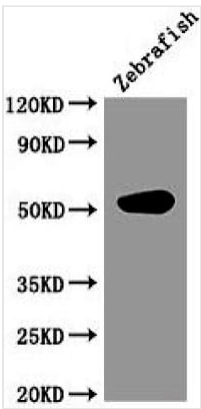
### PRODUCT SYNONYMS

Citrate synthase; mitochondrial; Polyclonal Antibody; Rabbit anti-human Citrate synthase; mitochondrial polyclonal Antibody; CS ; mitochondrial (EC 2.3.3.1) (Citrate (Si)-synthase); CS; anti-CS antibody

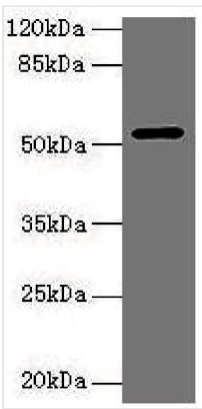
### PRODUCT SPECIFICATIONS

|                                              |                                                                                            |
|----------------------------------------------|--------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                     |
| Reactivity                                   | Human, Zebrafish                                                                           |
| Clonality                                    | Polyclonal                                                                                 |
| Isotype                                      | IgG                                                                                        |
| Purity/Purification                          | >95%, Protein G purified                                                                   |
| Form/Format                                  | Liquid                                                                                     |
| Sequence Length                              | 466                                                                                        |
| Applicable Applications for anti-CS antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                       |
| Immunogen                                    | Recombinant Human Citrate synthase, mitochondrial protein (28-464AA)                       |
| Immunogen Species                            | Homo sapiens (Human)                                                                       |
| Research Area                                | Signal Transduction                                                                        |
| Conjugation                                  | Non-conjugated                                                                             |
| Storage Buffer                               | Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4             |
| Santa Cruz Alternative                       | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-242444 / sc-242445 |
| Preparation and Storage                      | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                              |

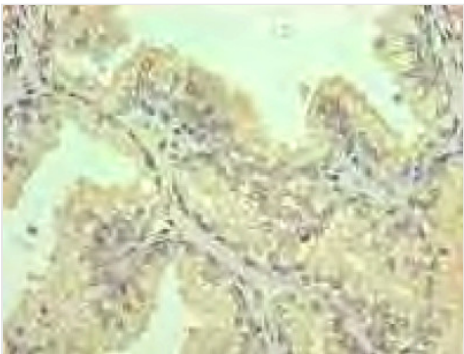
IMAGES



**WB (Western Blot)**  
Western BlotPositive WB detected in: Zebrafish tissueAll lanes: CS antibody at 3ug/mlSecondary Goat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 52 kDaObserved band size: 52 kDa



**WB (Western Blot)**  
Western blotAll lanes: CS antibody at 3ug/ml + HepG2 whole cell lysateSecondary: Goat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 52 kDaObserved band size: 52 kDa



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human prostate cancer using AAA229968 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                |            |
|------------------------------------------------|------------|
| Product Categories/Family for anti-CS antibody | Metabolism |
|------------------------------------------------|------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 38327625                               |
| NCBI GeneID                      | 1431                                   |
| NCBI Accession #                 | NP_004068.2                            |
| NCBI GenBank Nucleotide #        | NM_004077.2                            |
| UniProt Accession #              | O75390; Q71UT9; Q7KZH0; Q96FZ8; Q9BWN8 |
| NCBI Official Full Name          | citrate synthase, mitochondrial        |
| NCBI Official Synonym Full Names | citrate synthase                       |
| NCBI Official Symbol             | CS                                     |
| NCBI Protein Information         | citrate synthase, mitochondrial        |
| UniProt Protein Name             | Citrate synthase, mitochondrial        |
| UniProt Gene Name                | CS                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/citrate-synthase-mitochondrial-antibody-immunohistochemistry-western-blot-elisa/229968>