

## Rabbit anti-Human CPS1 Polyclonal Antibody | anti-CPS1 antibody

CPS1 Antibody, Biotin conjugated

|                               |                       |                            |                              |
|-------------------------------|-----------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA234553</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

CPS1; Polyclonal Antibody; CPS1 Antibody; Biotin conjugated; Carbamoyl-phosphate synthase [ammonia]; mitochondrial; Carbamoyl-phosphate synthetase I; CPSase I; mitochondrial (ec 6.3.4.16) (carbamoyl-phosphate synthetase I) (CPSase I); anti-CPS1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                        |
| Reactivity                                     | Human                                                                                         |
| Clonality                                      | Polyclonal                                                                                    |
| Isotype                                        | IgG                                                                                           |
| Purity/Purification                            | >95%, Protein G purified                                                                      |
| Form/Format                                    | Liquid                                                                                        |
| Sequence Length                                | 1506                                                                                          |
| Applicable Applications for anti-CPS1 antibody | ELISA                                                                                         |
| Immunogen                                      | Recombinant Human Carbamoyl-phosphate synthase [ammonia], mitochondrial protein (1361-1500AA) |
| Immunogen Species                              | Homo sapiens (Human)                                                                          |
| Research Area                                  | Tags & Cells Markers                                                                          |
| Conjugation                                    | Biotin                                                                                        |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4              |
| Preparation and Storage                        | Upon receipt, store at -20°C or -80° C. Avoid repeated freeze.                                |

### ADDITIONAL INFORMATION

|                                                  |                                                              |
|--------------------------------------------------|--------------------------------------------------------------|
| Product Categories/Family for anti-CPS1 antibody | Cancer; Tags & Cell Markers; Metabolism; Signal transduction |
|--------------------------------------------------|--------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| NCBI GI #                 | 169790915                                              |
| NCBI GeneID               | 1373                                                   |
| NCBI Accession #          | NP_001116105.1                                         |
| NCBI GenBank Nucleotide # | NM_001122633.2                                         |
| UniProt Accession #       | P31327; O43774; Q53TL5; Q59HF8; Q7Z5I5; B7Z818; J3KQL0 |

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI Official Full Name          | carbamoyl-phosphate synthase                          |
| NCBI Official Synonym Full Names | carbamoyl-phosphate synthase 1                        |
| NCBI Official Symbol             | CPS1                                                  |
| NCBI Official Synonym Symbols    | PHN; CPSASE1                                          |
| NCBI Protein Information         | carbamoyl-phosphate synthase [ammonia], mitochondrial |
| UniProt Protein Name             | Carbamoyl-phosphate synthase [ammonia], mitochondrial |
| UniProt Gene Name                | <b>CPS1</b>                                           |
| UniProt Synonym Gene Names       | CPSase I                                              |

**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.

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 Online datasheet: <https://www.aaabiotech.com/polyclonal/cps1-antibody-elisa/234553>