

## Argininosuccinate synthetase 1 Polyclonal Antibody | anti-ASS1 antibody

Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody

| CATALOG # | REACTIVITY                                                              | APPLICATIONS                                                                       |
|-----------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| AAA61804  | Human, Cow<br>Expected from sequence similarity: Human, Mouse, Rat, Dog | Immunohistochemistry, Immunoprecipitation, Immunofluorescence, Western Blot, ELISA |

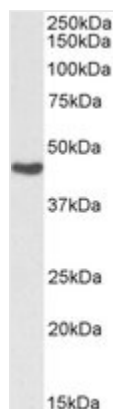
### PRODUCT SYNONYMS

Argininosuccinate synthetase 1; Polyclonal Antibody; Goat anti-Argininosuccinate synthetase 1; Biotinylated Antibody; Goat Anti-Argininosuccinate synthetase 1 Antibody; ASS1; argininosuccinate synthase 1; ASS; CTLN1; argininosuccinate synthetase 1; citrulline--aspartate ligase; citrulline-aspartate ligase; anti-ASS1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Cow<br>Expected from sequence similarity: Human, Mouse, Rat, Dog                                                               |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Sequence Length                                | 412                                                                                                                                   |
| Applicable Applications for anti-ASS1 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)               |
| Immunogen Sequence                             | Peptide with sequence C-ENPKNQAPPGLYTKTQD., from the internal region of the protein sequence according to NP_000041.2.                |
| Peptide Sequence + C                           | C-ENPKNQAPPGLYTKTQD.                                                                                                                  |
| Note                                           | Reported variants represent identical protein: NP_446464.1, NP_000041.2                                                               |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

### IMAGES



#### IHC (Immunohistochemistry)

Biotinylated (0.03ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 53759107                     |
| NCBI GeneID                      | 445                          |
| NCBI Accession #                 | NP_000041.2                  |
| NCBI GenBank Nucleotide #        | NM_000050.4                  |
| UniProt Accession #              | P00966                       |
| NCBI Official Full Name          | argininosuccinate synthase   |
| NCBI Official Synonym Full Names | argininosuccinate synthase 1 |
| NCBI Official Symbol             | ASS1                         |
| NCBI Official Synonym Symbols    | ASS; CTLN1                   |
| NCBI Protein Information         | argininosuccinate synthase   |
| UniProt Protein Name             | Argininosuccinate synthase   |
| UniProt Gene Name                | ASS1                         |

**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://stage.aaabiotech.com/polyclonal/argininosuccinate-synthetase-1-antibody-immunohistochemistry-immunoprecipitation-immunofluorescence-western-blot-peptide-elisa-elisa/61804>