

**Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4398a

**Specification**

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**Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody - Product Information**

Application	WB, IHC, IF, IP, Pep-ELISA
Primary Accession	<a href="#">P00966</a>
Other Accession	<a href="#">NP_000041.2</a>
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	46530

**Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody - Additional Information**

**Gene ID** 445

**Other Names**

ASS1; argininosuccinate synthase 1; ASS; CTLN1; argininosuccinate synthetase 1; citrulline--aspartate ligase; citrulline-aspartate ligase

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

Reported variants represent identical protein: NP\_446464.1, NP\_000041.2

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody - Protein Information**

**Name** ASS1 ([HGNC:758](#))

**Function**

One of the enzymes of the urea cycle, the metabolic pathway transforming neurotoxic ammonia produced by protein catabolism into innocuous urea in the liver of ureotelic animals. Catalyzes the formation of argininosuccinate from aspartate, citrulline and ATP and together with ASL it is responsible for the biosynthesis of arginine in most body tissues.

**Cellular Location**

Cytoplasm, cytosol

**Tissue Location**

Expressed in adult liver.

**Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody - Images**