

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

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

Application	WB, IHC, IF, IP, Pep-ELISA
Primary Accession	P00966
Other Accession	NP_000041.2
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**Dilution**WB~~1:1000
IHC~~1:100~500
IF~~1:50~200
IP~~N/A
Pep-ELISA~~N/A**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 arginosuccinate 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