

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 Primary Accession Other Accession

Reactivity

Host Clonality

Calculated MW

WB, IHC, IF, IP, Pep-ELISA

P00966 NP 000041.2

Human, Mouse, Rat, Dog

Goat Polyclonal 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

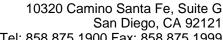
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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)





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Function

One of the enzymes of the urea cycle, the metabolic pathway transforming neurotoxic amonia produced by protein catabolism into inocuous 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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody - Images