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Goat anti-Argininosuccinate synthetase 1, Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4398a

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
Clone Names	ASS1
Calculated MW	46530

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.

Protein Information

Name	ASS1 (HGNC:758)
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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.