

Rabbit ASS1 Polyclonal Antibody | anti-ASS1 antibody

ASS1 Antibody

CATALOG # AAA225104	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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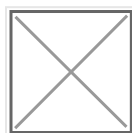
PRODUCT SYNONYMS

ASS1; Polyclonal Antibody; ASS1 Antibody; Affinity Purified Rabbit Polyclonal ASS1 Antibody; Polyclonal ASS1 antibody; Anti-ASS1 antibody; argininosuccinate synthetase 1 antibody; argininosuccinate synthase 1 antibody; ASS antibody; ASS 1; ASS-1 antibody; ASS 1 antibody; ASS1 antibody; citrulline-aspartate ligase antibody; CTLN1 antibody; citrulline--aspartate ligase antibody; ASS-1; argininosuccinate synthase antibody; anti-ASS1 antibody

PRODUCT SPECIFICATIONS

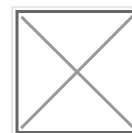
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.67 mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-ASS1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	ASS1 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 155 and 412 of ASS1
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



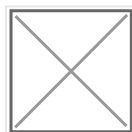
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded mixed OVCA using ASS1 antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:A431) using a 12% SDS PAGE gel and ASS1 antibody at a dilution of 1:500



IF (Immunofluorescence)

Sample: HeLa cells were fixed in -20 deg C 100% MeOH for 5 min. Green: ASS1 protein stained by ASS1 antibody diluted at 1:500. Blue: Hoechst 33343 staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ASS1 antibody	The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of ASS cause citrullinemia.
Product Categories/Family for anti-ASS1 antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	53759107
NCBI GeneID	445
NCBI GenBank Nucleotide #	NP_000041.2
UniProt Accession #	P00966
Molecular Weight	47 kDa
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
UniProt Synonym Gene Names	ASS
UniProt Entry Name	ASSY_HUMAN

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.