

Rabbit anti-Human ASS1 Polyclonal Antibody | anti-ASS1 antibody

ASS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310253	Rabbit	Human	Immunohistochemistry, Western Blot

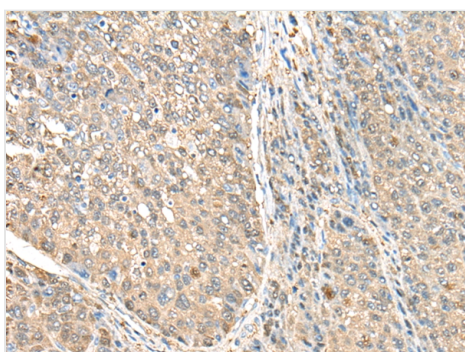
PRODUCT SYNONYMS

ASS1; Polyclonal Antibody; ASS1 Antibody; ASS; CTLN1; anti-ASS1 antibody

PRODUCT SPECIFICATIONS

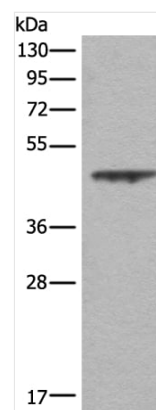
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total ASS1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.8mg/ml (varies by lot)
Sequence Length	1542
Applicable Applications for anti-ASS1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human ASS1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46314(ASS1 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg, Lane: A431 cell lysate, Primary antibody: 46314E~ASS1 Antibody) at dilution 1/350 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds

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 this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-ASS1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	18203821
NCBI GeneID	445
UniProt Accession #	P00966; Q6LDL2; Q86UZ0; Q96GT4
Molecular Weight	47 kDa
NCBI Official Full Name	Homo sapiens argininosuccinate synthetase 1, mRNA
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ass1-antibody-immunohistochemistry-western-blot-elisa/310253>