

Rabbit ASS Polyclonal Antibody | anti-ASS1 antibody

ASS antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198877	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

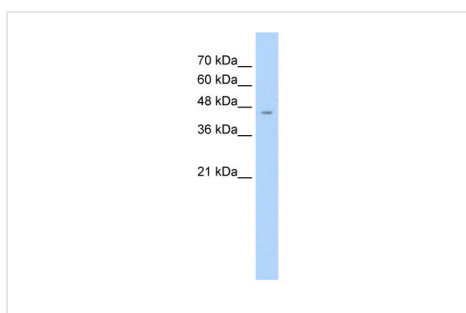
PRODUCT SYNONYMS

ASS; Polyclonal Antibody; ASS antibody - C-terminal region; anti-ASS1 antibody

PRODUCT SPECIFICATIONS

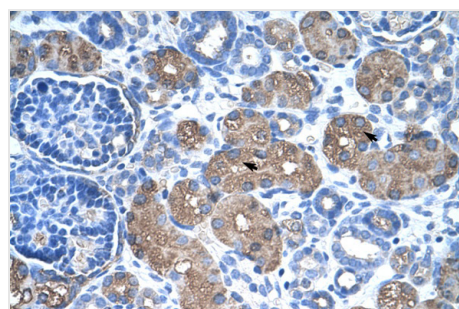
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SV LKGQVYILGR ESPLSLYNEE LVSMNVQGDY EPTDATGFIN INSLRLKE
Sequence Length	412
Applicable Applications for anti-ASS1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Goat: 92%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ASS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ASS Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-ASS Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-ASS1 antibody	This is a rabbit polyclonal antibody against ASS. It was validated on Western Blot and immunohistochemistry Target Description: ASS catalyzes the penultimate step of the arginine biosynthetic pathway. 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. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-ASS1 antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	16950633
NCBI GeneID	445
NCBI Accession #	NP_446464
NCBI GenBank Nucleotide #	NM_054012
UniProt Accession #	P00966
Molecular Weight	45kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ass-antibody-western-blot-immunohistochemistry-elisa/198877>