

Rabbit anti-Human, mouse AASS Polyclonal Antibody | anti-AASS antibody

AASS Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288402	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

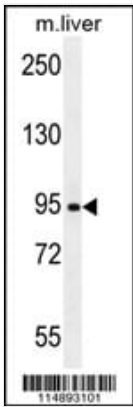
PRODUCT SYNONYMS

AASS; Polyclonal Antibody; AASS Antibody (Center); Alpha-aminoadipic semialdehyde synthase; mitochondrial; LKR/SDH; Lysine ketoglutarate reductase; LKR; LOR; Saccharopine dehydrogenase; SDH; anti-AASS antibody

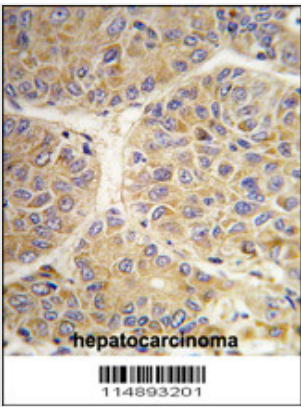
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AASS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 264-294 amino acids from the Central region of human AASS.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	264-294
Sequence Length	926
Applicable Applications for anti-AASS antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

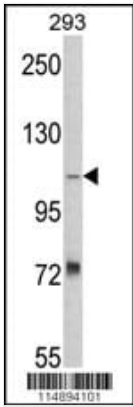
IMAGES



WB (Western Blot)
AASS Antibody (Center) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the AASS antibody detected the AASS protein (arrow).



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with the AASS antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of AASS Antibody (Center) in 293 cell line lysates (35ug/lane). AASS (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AASS antibody	AASS is a bifunctional enzyme that catalyzes the first two steps in the mammalian lysine degradation pathway. The N-terminal and the C-terminal portions of this enzyme contain lysine-ketoglutarate reductase and saccharopine dehydrogenase activity, respectively, resulting in the conversion of lysine to alpha-amino adipic semialdehyde. Mutations in the gene encoding this protein are associated with familial hyperlysinemia.
Product Categories/Family for anti-AASS antibody	Metabolism; Signal Transduction
References	Sacksteder,K.A., Am. J. Hum. Genet. 66 (6), 1736-1743 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027640
NCBI GeneID	10157
NCBI Accession #	NP_005754.2
NCBI GenBank Nucleotide #	NM_005763.3
UniProt Accession #	Q9UDR5; O95462
Molecular Weight	102132

NCBI Official Full Name	alpha-aminoadipic semialdehyde synthase, mitochondrial
NCBI Official Synonym Full Names	aminoadipate-semialdehyde synthase
NCBI Official Symbol	AASS
NCBI Official Synonym Symbols	LKRSDH; LORSDH; LKR/SDH
NCBI Protein Information	alpha-aminoadipic semialdehyde synthase, mitochondrial
UniProt Protein Name	Alpha-aminoadipic semialdehyde synthase, mitochondrial
UniProt Gene Name	AASS
UniProt Synonym Gene Names	LKR; LOR; SDH
UniProt Entry Name	AASS_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aass-antibody-immunohistochemistry-western-blot-elisa/288402>