

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

AASS Antibody

CATALOG # AAA234892	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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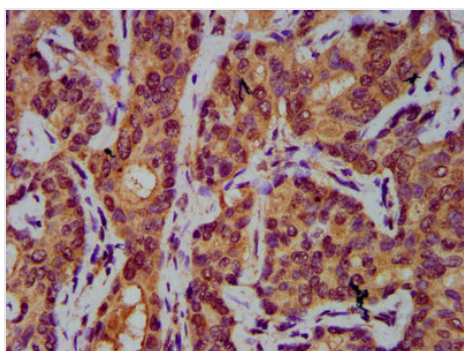
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

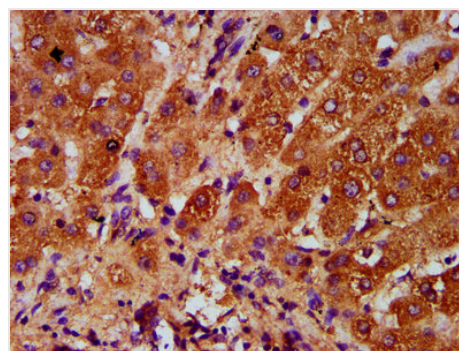
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	926
Applicable Applications for anti-AASS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Alpha-aminoadipic semialdehyde synthase, mitochondrial protein (224-364AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



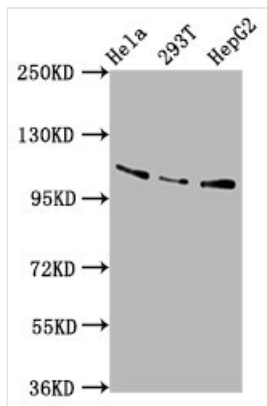
IHC (Immunohistochemistry)

IHC image of AAA234892 diluted at 1:400 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234892 diluted at 1:400 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate
 All lanes: AASS antibody at 5.8ug/ml
 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 103 KDa
 Observed band size: 103 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-AASS antibody	Bifunctional enzyme that catalyzes the first two steps in lysine degradation. The N-terminal and the C-terminal contain lysine-ketoglutarate reductase and saccharopine dehydrogenase activity, respectively.
Product Categories/Family for anti-AASS antibody	Metabolism; Signal Transduction

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	102,132 Da
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; LORS DH; 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

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.