

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

AASS Rabbit pAb

CATALOG # AAA283218	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	--

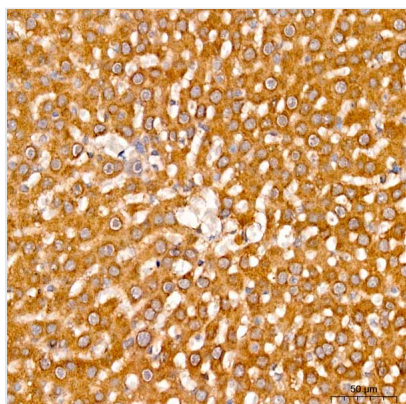
PRODUCT SYNONYMS

AASS; Polyclonal Antibody; AASS Rabbit pAb; LKR/SDH; LKRSDH; LORSDH; aminoadipate-semialdehyde synthase; anti-AASS antibody

PRODUCT SPECIFICATIONS

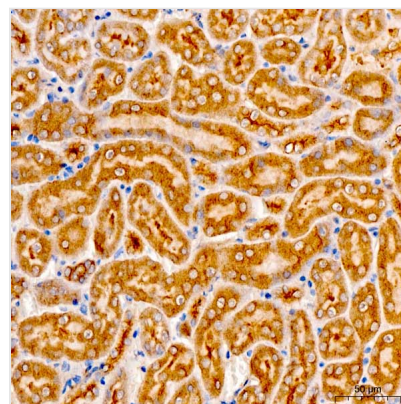
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	RRKVLVLGSG YISEPVLEYL SRDGNIEITV GSDMKNQIEQ LGKKYNINPV SMDICKQEEK LGFLVAKQDL VISLLPYVLH PLVAKACITN KVNMTASYI TPALKELEKS VEDAGITIIG E
Applicable Applications for anti-AASS antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 480-600 of human AASS (NP_005754.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



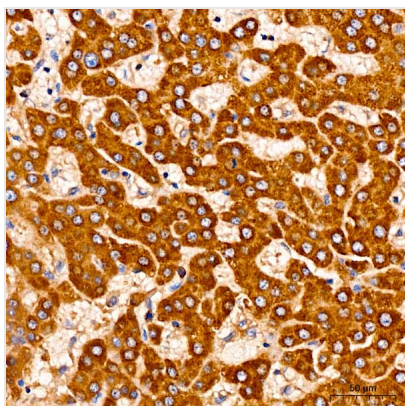
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat liver using AASS Rabbit pAb (AAA283218) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



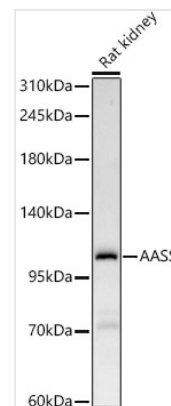
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney using AASS Rabbit pAb (AAA283218) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver using AASS Rabbit pAb (AAA283218) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Rat kidney, using AASS Rabbit pAb (AAA283218) at 1:100 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-AASS antibody	This gene encodes 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-aminoadipic semialdehyde. Mutations in this gene are associated with familial hyperlysinemia.
Product Categories/Family for anti-AASS antibody	Signal Transduction; Endocrine & Metabolism; Mitochondrial metabolism; Mitochondrial markers; Amino acid metabolism; Antibodies

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	Calculated MW: 102kDa Observed MW: 102kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/aass-antibody-immunohistochemistry-western-blot-elisa/283218>