

Rabbit anti-Human L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase Polyclonal Antibody | anti-AASDHPPT antibody

Rabbit anti-human L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230045	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

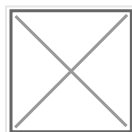
PRODUCT SYNONYMS

L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase; Polyclonal Antibody; Rabbit anti-human L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase polyclonal Antibody; 4'-phosphopantetheinyl transferase; Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase; AASD-PPT; AASDHPPT; anti-AASDHPPT antibody

PRODUCT SPECIFICATIONS

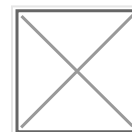
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	309
Applicable Applications for anti-AASDHPPT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase protein(1-309aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130931
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA230045 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase antibody at 2ug/ml+HepG2 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 36,16 kDaObserved band size: 36 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-AASDHPPT antibody	Catalyzes the post-translational modification of target proteins by phosphopantetheine. Can transfer the 4'-phosphopantetheine moiety from coenzyme A to a serine residue of a broad range of acceptors, such as the acyl carrier domain of FASN. This protein is similar to <i>Saccharomyces cerevisiae</i> LYS5, which is required for the activation of the alpha-aminoadipate dehydrogenase in the biosynthetic pathway of lysine. Yeast alpha-aminoadipate dehydrogenase converts alpha-biosynthetic-aminoadipate semialdehyde to alpha-aminoadipate. It has been suggested that defects in the human gene result in pipecolic acidemia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20357568
NCBI GeneID	60496
NCBI Accession #	NP_056238.2
NCBI GenBank Nucleotide #	NM_015423.2
UniProt Accession #	Q9NRN7; Q9C068; Q9P0Q3; Q9UG80; Q9Y389; B2R6D1; B4DDW7
Molecular Weight	15,574 Da
NCBI Official Full Name	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
NCBI Official Synonym Full Names	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
NCBI Official Symbol	AASDHPPT
NCBI Official Synonym Symbols	ACPS; LYS2; LYS5; CGI-80; AASD-PPT
NCBI Protein Information	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
UniProt Protein Name	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
UniProt Gene Name	AASDHPPT
UniProt Synonym Gene Names	AASD-PPT
UniProt Entry Name	ADPPT_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/l-aminoadipate-semialdehyde-dehydrogenase-phosphopantetheinyl-transferase-antibody-immunohistochemistry-western-blot-elisa/230045>