

Rabbit anti-Human, Mouse SARDH Polyclonal Antibody | anti-SARDH antibody

Rabbit anti-SARDH Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213457	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

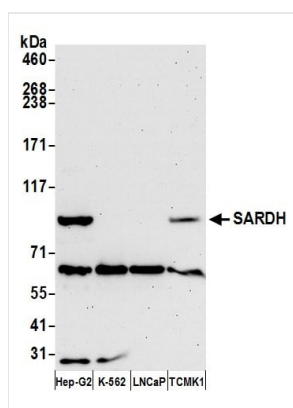
PRODUCT SYNONYMS

SARDH; Polyclonal Antibody; Rabbit anti-SARDH Antibody; Affinity Purified; BPR-2; SardH; SARD; sarcosine dehydrogenase; mitochondrial; SAR; dimethylglycine dehydrogenase-like 1; SDH; DMGDHL1; Sarcosine dehydrogenase; anti-SARDH antibody

PRODUCT SPECIFICATIONS

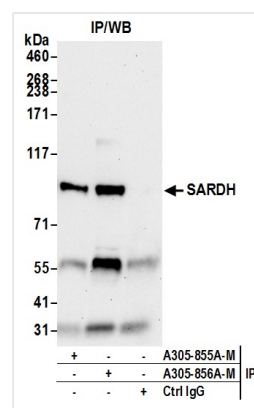
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SARDH antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 868 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse SARDH by western blot. Samples: Whole cell lysate (50 ug) from Hep-G2, K-562, LNCaP, and mouse TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SARDH antibody (AAA213457 lot 1) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human SARDH by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SARDH antibody (AAA213457 lot 1) used for IP at 2 ug per reaction. SARDH was also immunoprecipitated by rabbit anti-SARDH antibody For blotting immunoprecipitated SARDH, AAA213457 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SARDH antibody	SARDH is an enzyme localized to the mitochondrial matrix which catalyzes the oxidative demethylation of sarcosine. This enzyme is distinct from another mitochondrial matrix enzyme, dimethylglycine dehydrogenase, which catalyzes a reaction resulting in the formation of sarcosine. Mutations in this gene are associated with sarcosinemia. Alternatively spliced transcript variants have been described. [taken from NCBI Entrez Gene (Gene ID: 1757)].
Product Categories/Family for anti-SARDH antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361378
NCBI GeneID	1757
NCBI Accession #	NP_009032.2
NCBI GenBank Nucleotide #	NM_007101.3
UniProt Accession #	Q9UL12; Q5SYV0; Q9Y280; Q9Y2Y3; B2RMR5; B7ZLT6
Molecular Weight	101,037 Da
NCBI Official Full Name	sarcosine dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	sarcosine dehydrogenase
NCBI Official Symbol	SARDH
NCBI Official Synonym Symbols	SAR; SDH; SARD; BPR-2; DMGDHL1
NCBI Protein Information	sarcosine dehydrogenase, mitochondrial; dimethylglycine dehydrogenase-like 1
UniProt Protein Name	Sarcosine dehydrogenase, mitochondrial
UniProt Gene Name	SARDH
UniProt Synonym Gene Names	DMGDHL1; SarDH
UniProt Entry Name	SARDH_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/sardh-antibody-immunoprecipitation-western-blot-elisa/213457>