

Rabbit SARDH Polyclonal Antibody | anti-SARDH antibody

SARDH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319817	Rabbit	Human, Mouse, Rat	Immunohistochemistry, ELISA, Western Blot

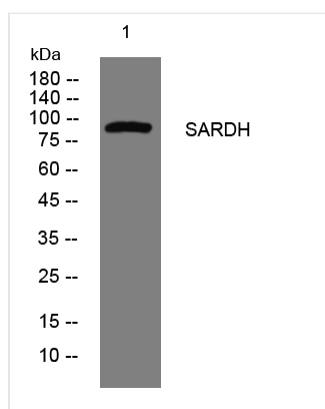
PRODUCT SYNONYMS

SARDH; Polyclonal Antibody; SARDH Antibody; anti-SARDH antibody

PRODUCT SPECIFICATIONS

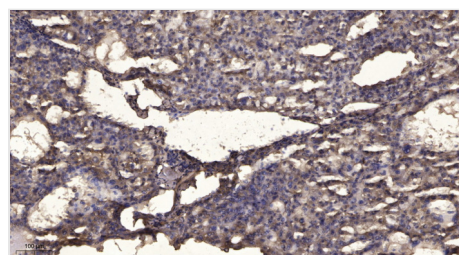
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of SARDH at Human/Mouse/Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SARDH antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human SARDH AA range: 279-329
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from 3T3 cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-SARDH antibody	This gene encodes 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. [provided by RefSeq, Oct 2008]
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.