

Polyclonal Antibody to SARDH (Center) - Aff - Purified

Alternate names:	BPR-2, DMGDHL1, SarDH, Sarcosine dehydrogenase, mitochondrial
Catalog No.:	AP53797PU-N
Quantity:	0.4 ml
Concentration:	lot specific
Background:	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.
Uniprot ID:	Q9UL12
NCBI:	NP_001128179
GeneID:	1757
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 468~498 amino acids from the Central region of Human SARDH. Genename: SARDH
Format:	State: Liquid purified Ig fraction Purification: Protein A column followed by peptide Affinity purification Buffer System: PBS with 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes SARDH (Center). Species: Human, Mouse. Other species not tested.
Add. Information:	Molecular Weight: 101037 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Franke, B., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 85(3):216-226(2009) 2. Gilbert, J.R., et al. Hum. Hered. 50(3):151-157(2000) 3. Eschenbrenner, M., et al. Genomics 59(3):300-308(1999) 4. Bergeron, F., et al. Eur. J. Biochem. 257(3):556-561(1998)

Pictures:

Western blot analysis of SARDH Antibody (Center) Cat.-No AP53797PU-N in Mouse liver tissue lysates (35 µg/lane). SARDH (arrow) was detected using the purified Pab.

