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OriGene EU

AP53797PU-N

Acris Antibodies GmbH

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Polyclonal Antibody to SARDH (Center) - Aff - Purified

BPR-2, DMGDHL1, SarDH, Sarcosine dehydrogenase, mitochondrial Alternate names:

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: 09UL12

NP 001128179 **NCBI:**

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

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Storage:

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)

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

OG/20130805



Pictures:

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

