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## Datasheet for ABIN7118793 **anti-SARDH antibody**

### Overview

|              |                                      |
|--------------|--------------------------------------|
| Quantity:    | 100 µg                               |
| Target:      | SARDH                                |
| Reactivity:  | Mouse, Rat, Human                    |
| Host:        | Rabbit                               |
| Clonality:   | Polyclonal                           |
| Conjugate:   | This SARDH antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA         |

### Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | sarcosine dehydrogenase         |
| Isotype:      | IgG                             |
| Purification: | Immunogen affinity purified     |
| Purity:       | ≥95 % as determined by SDS-PAGE |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | SARDH   |
| Alternative Name: | SARDH ( <a href="#">SARDH Products</a> )  |
| Background:       | Synonyms:BPR 2, DMGDHL1, SAR, sarcosine dehydrogenase, SARD, SARDH, SDH<br>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 |

## Target Details

resulting in the formation of sarcosine. Mutations in this gene are associated with sarcosinemia. Alternatively spliced transcript variants have been described.

Molecular Weight: 101 kDa

Gene ID: 1757

UniProt: [Q9UL12](#)

## Application Details

Application Notes: WB: 1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months