

## Anti-SARDH Antibody Picoband® HRP Conjugated

Catalog Number: A09641-1-HRP

### About SARDH

Sarcosine dehydrogenase, mitochondrial is an enzyme that in humans is encoded by the SARDH gene. 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.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-SARDH Antibody Picoband® HRP Conjugated  |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | WB, IHC, ELISA  |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.    |
| Host                 | Rabbit  |
| Uniprot ID           | Q9UL12  |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human SARDH recombinant protein (Position: M1-E640).   |
| Cross Reactivity    | No cross-reactivity with other proteins.  |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5 mg/mL   |
| Purification        | Immunogen affinity purified.  |
| Conjugate           | HRP   |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users.<br>Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.<br>ELISA, Optimal dilutions should be determined by end users. |

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