

## Anti-ERAB/HSD17B10 Antibody Picoband® Biotin Conjugated

Catalog Number: PB9336-Biotin

### About HSD17B10

ERAB is also known as HSD17B10 or HADH2. This gene encodes 3-hydroxyacyl-CoA dehydrogenase type II, a member of the short-chain dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein that catalyzes the oxidation of a wide variety of fatty acids and steroids, and is a subunit of mitochondrial ribonuclease P, which is involved in tRNA maturation. The protein has been implicated in the development of Alzheimer disease, and mutations in the gene are the cause of 17beta-hydroxysteroid dehydrogenase type 10 (HSD10) deficiency. Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-ERAB/HSD17B10 Antibody Picoband® Biotin Conjugated                          |
| Reactive Species     | Human  |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.            |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host                 | Rabbit   |
| Uniprot ID           | Q99714   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human ERAB recombinant protein (Position: E48-P261). Human ERAB shares 87% and 88% amino acid (aa) sequence identity with mouse and rat ERAB, respectively. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Biotin   |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements.   |

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