

Datasheet for ABIN3031271
anti-HSD17B10 antibody (AA 48-261)

8 Images

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Overview

Quantity:	100 µg
Target:	HSD17B10
Binding Specificity:	AA 48-261
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Human partial recombinant protein (AA 48-261) was used as the immunogen for this ERAB antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	HSD17B10
Alternative Name:	ERAB (HSD17B10 Products)
Background:	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.

Target Details

ERAB 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.

Gene ID: 3028

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the ERAB antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,ICC: 0.5-1 µg/mL

Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

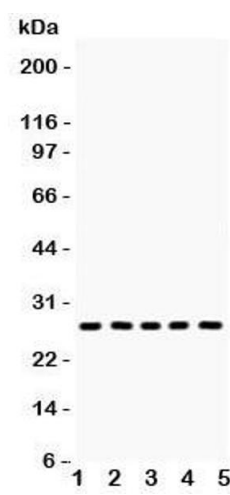
Storage Comment: After reconstitution, the ERAB antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



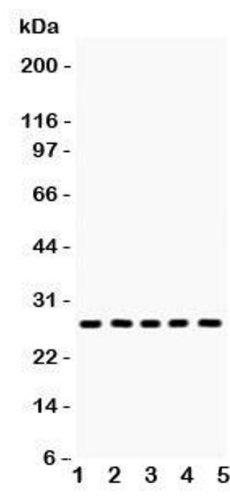
Immunohistochemistry

Image 1. IHC-P: ERAB antibody testing of human breast cancer tissue



Western Blotting

Image 2. Western blot testing of ERAB antibody and Lane 1: mouse lung; and human samples 2: U87; 3: A549; 4: SW620; 5: 293T lysate. Predicted/observed size ~27KD



Western Blotting

Image 3. Western blot testing of ERAB antibody and Lane 1: mouse lung

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3031271.