

Datasheet for ABIN2854703
anti-HSD17B10 antibody (C-Term)

8 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HSD17B10
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Whole Mount) (IHC (wm))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human ERAB. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Characteristics:	Rabbit Polyclonal antibody to ERAB (hydroxysteroid (17-beta) dehydrogenase 10) ERAB antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HSD17B10
Alternative Name:	hydroxysteroid 17-beta dehydrogenase 10 (HSD17B10 Products)
Background:	<p>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, alcohols, and steroids. The protein has been implicated in the development of Alzheimer's disease, and mutations in the gene are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined.</p> <p>Cellular Localization: Mitochondrion</p>
Molecular Weight:	27 kDa
Gene ID:	3028
UniProt:	Q99714

Application Details

Application Notes:	WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Neuro 2A , GL261 , PC-12 , HeLaS3 , Molt-4
Restrictions:	For Research Use only

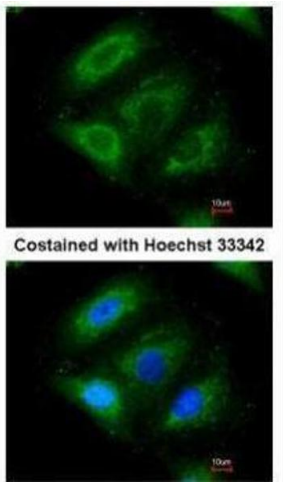
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

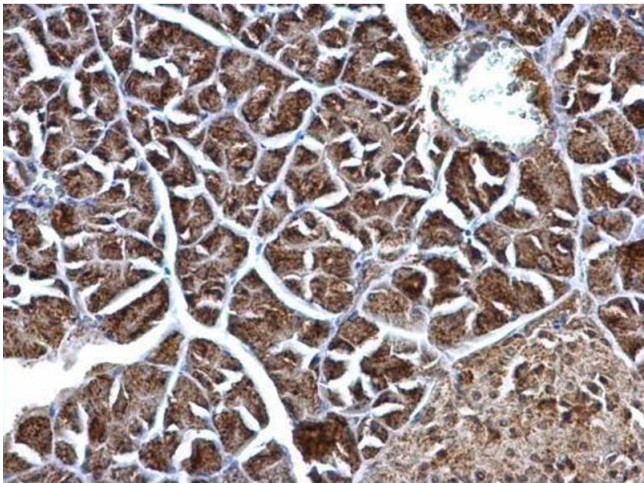
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104252 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



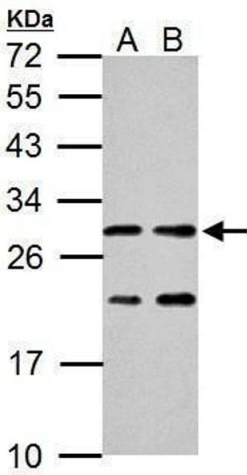
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A549, using ERAB , antibody at 1:200 dilution.



Immunohistochemistry

Image 2. IHC-P Image ERAB antibody detects ERAB protein at mitochondria on mouse pancreas by immunohistochemical analysis. Sample: Paraffin-embedded mouse pancreas. ERAB antibody , dilution: 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Neuro 2A B: GL261 12% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2854703.