

Datasheet for ABIN2855717
anti-HSD17B4 antibody

5 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HSD17B4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human HSD17B4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Rabbit Polyclonal antibody to HSD17B4 (hydroxysteroid (17-beta) dehydrogenase 4) HSD17B4 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HSD17B4
Alternative Name:	hydroxysteroid 17-beta dehydrogenase 4 (HSD17B4 Products)

Target Details

Background:	<p>The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this gene that affect the peroxisomal fatty acid beta-oxidation activity are a cause of D-bifunctional protein deficiency (DBPD). An apparent pseudogene of this gene is present on chromosome 8.</p> <p>Cellular Localization: Peroxisome</p>
Molecular Weight:	80 kDa
Gene ID:	3295
UniProt:	P51659
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:500-1:3000. 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: Rat heart
Restrictions:	For Research Use only

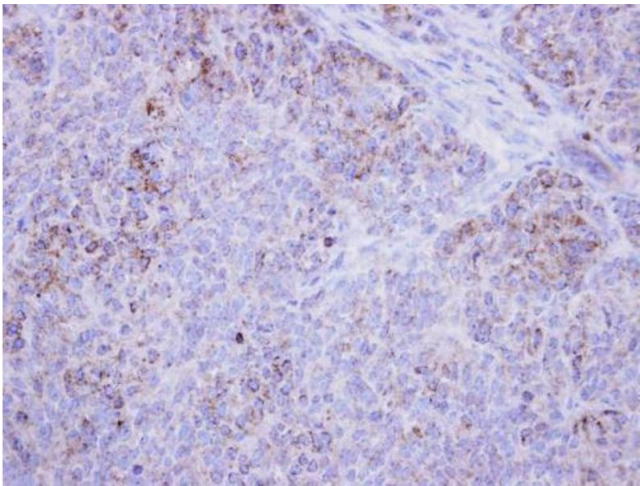
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % 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
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.

Publications

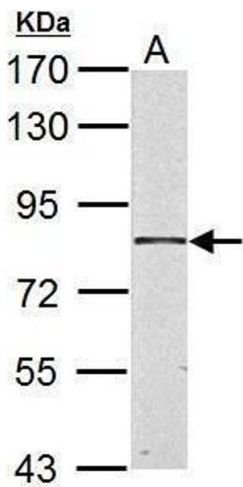
Product cited in: Shirozu, Iwano, Ogiso, Suzuki, Balboula, Bai, Kawahara, Kimura, Takahashi, Rulan, Kim, Yanagawa, Nagano, Imakawa, Takahashi: "Estrous cycle stage-dependent manner of type I interferon-stimulated genes induction in the bovine endometrium." in: **The Journal of reproduction and development**, Vol. 63, Issue 3, pp. 211-220, (2018) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded DLD-1 xenograft , using HSD17B4, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image HSD17B4 antibody detects HSD17B4 protein by Western blot analysis. A. 20 ug Rat heart lysate/extract 7.5% SDS-PAGE HSD17B4 antibody , dilution: 1:3000



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of methanol-fixed Hep3B, using HSD17B4, antibody at 1:500 dilution.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855717.