Datasheet for ABIN7295866

anti-HSD17B10 antibody (Center)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	HSD17B10
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HADH2.
Specificity:	Recognizes endogenous levels of HADH2 protein.
Characteristics:	Rabbit polyclonal antibody to HADH2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	HSD17B10
Alternative Name:	HADH2 (HSD17B10 Products)

Target Details

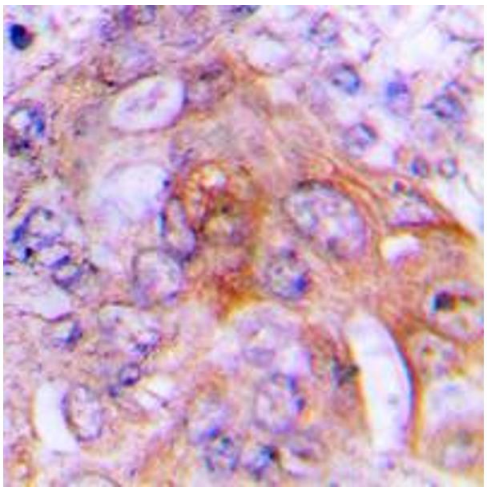
Background:	ERAB, HADH2, MRPP2, SCHAD, XH98G2, 3-hydroxyacyl-CoA dehydrogenase type-2, 17-beta-hydroxysteroid dehydrogenase 10, 17-beta-HSD 10, 3-hydroxy-2-methylbutyryl-CoA dehydrogenase, 3-hydroxyacyl-CoA dehydrogenase type II, Endoplasmic reticulum-associated amyloid beta-peptide-binding protein, Mitochondrial ribonuclease P protein 2, Mitochondrial RNase P protein 2, Short-chain type dehydrogenase/reductase XH98G2, Type II HADH
Gene ID:	3028, 63864
UniProt:	Q99714, O08756, O70351

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

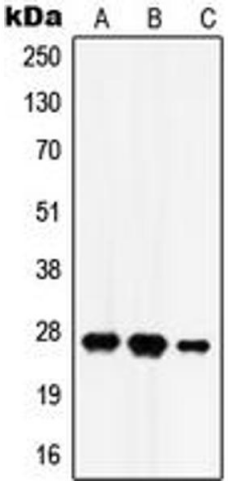
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



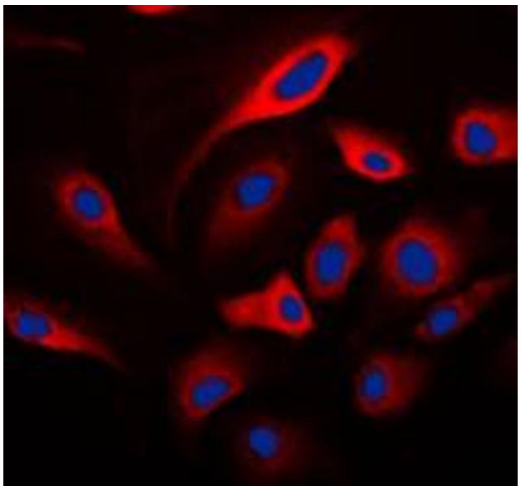
Immunohistochemistry

Image 1. Immunohistochemical analysis of HADH2 staining in human lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of HADH2 expression in SKNSH (A), HEK293T (B), rat brain (C) whole cell lysates.



Immunofluorescence

Image 3. Immunofluorescent analysis of HADH2 staining in SKNSH cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).