

Datasheet for ABIN723710
anti-HSD17B10 antibody (AA 51-130)



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Overview

Quantity:	100 µL
Target:	HSD17B10
Binding Specificity:	AA 51-130
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This HSD17B10 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ERAB
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	HSD17B10
Alternative Name:	ERAB (HSD17B10 Products)

Target Details

Background:	Synonyms: HSD17B10, Mitochondrial L3 Hydroxyacyl CoA Dehydrogenase, 17 beta hydroxysteroid dehydrogenase 10, 17 beta hydroxysteroid dehydrogenase type 10, 17b HSD10, 3 hydroxy 2 methylbutyryl CoA dehydrogenase, 3 hydroxyacyl CoA dehydrogenase type 2, Background: 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. [provided by RefSeq, Jul 2008].
Gene ID:	3028

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months