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Datasheet for ABIN7111264 **anti-ACADSB antibody**

Overview

Quantity:	100 µg
Target:	ACADSB
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADSB antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	acyl-Coenzyme A dehydrogenase, short/branched chain
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ACADSB
Alternative Name:	ACADSB (ACADSB Products)
Background:	Synonyms:ACADSB, 2 MEBCAD, ACAD7, SBCAD Background:Has greatest activity toward short branched chain acyl-CoA derivative such as(s)-2-methylbutyryl-CoA, isobutyryl-CoA, and 2-methylhexanoyl-CoA as well as toward short straight chain acyl-CoAs such as butyryl-CoA and hexanoyl-CoA. Can use valproyl-CoA as substrate and may play a role in controlling the

Target Details

	metabolic flux of valproic acid in the development of toxicity of this agent.
Molecular Weight:	47 kDa
Gene ID:	36
UniProt:	P45954
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:200-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months