

Datasheet for ABIN2783896
anti-ACSL4 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ACSL4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Acsl4
Sequence:	KLERFEIPIK VRLSPEPWTP ETGLVTDAFK LKRKELKNHY LKDIERMYGG
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against Acsl4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ACSL4
Alternative Name:	Acsl4 (ACSL4 Products)

Target Details

Background:	Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses arachidonate and eicosapentaenoate as substrates. Alias Symbols: 9430020A05Rik, ACS4, AU018108, FacI4, Lacs4 Protein Interaction Partner: Eed, Foxp3, Protein Size: 711
Molecular Weight:	79 kDa
Gene ID:	50790
NCBI Accession:	NM_207625 , NP_997508
UniProt:	Q9QUJ7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 711 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: Acsl4 Sample Type: Mouse Thymus lysates Antibody Dilution: 1.0ug/ml