

Datasheet for ABIN2785581
anti-ACSBG2 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	ACSBG2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSBG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ACSBG2
Sequence:	LNQETAFFFL SLDIPIGELY GLSESSGPHT ISNQNNYRLL SCGKILTGCK
Predicted Reactivity:	Cow: 86%, Dog: 85%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 79%, Rabbit: 86%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against ACSBG2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ACSBG2
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Target Details

Alternative Name:	ACSBG2 (ACSBG2 Products)
Background:	<p>ACSBG2 belongs to the ATP-dependent AMP-binding enzyme family, bubblegum subfamily. ACSBG2 mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. It is able to activate long-chain fatty acids. Also able to activate very long-chain fatty acids, however, the relevance of such activity is unclear in vivo. ACSBG2 has increased ability to activate oleic and linoleic acid. It may play a role in spermatogenesis.</p> <p>Alias Symbols: BGR, BRGL, DKFZp434K1635, MGC111089, PRTD-NY3, PRTDNY3</p> <p>Protein Interaction Partner: COPS5,</p> <p>Protein Size: 616</p>
Molecular Weight:	68 kDa
Gene ID:	81616
UniProt:	Q5FVE4
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 616 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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-ACSBG2 Antibody Titration:
0.2-1 ug/ml
Positive Control: Hela cell lysate