

Datasheet for ABIN2785581

anti-ACSBG2 antibody (Middle Region)





Go to Product page

\sim			
()\	/ e	rVI	iew

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:	LNQETAEFFL 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

Target Details

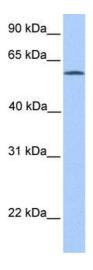
Alternative Name:	ACSBG2 (ACSBG2 Products)	
Background:	ACSBG2 belongs to the ATP-dependent AMP-binding enzyme family, bubblegum subfamily. ACSBG2 mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. It is able to activate long-chain 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. Alias Symbols: BGR, BRGL, DKFZp434K1635, MGC111089, PRTD-NY3, PRTDNY3 Protein Interaction Partner: COPS5,	
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.	

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