

## Product datasheet for **TA335873**

### ACSBG2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ACSBG2 Antibody: synthetic peptide directed towards the middle region of human ACSBG2. Synthetic peptide located within the following region: LNQETAFFFLSLDIPIGELYGLSESSGPHTISNQNNYRLLSCGKILTGCK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	68 kDa
Gene Name:	acyl-CoA synthetase bubblegum family member 2
Database Link:	<a href="#">NP_001276106</a> <a href="#">Entrez Gene 81616 Human</a> <a href="#">Q5FVE4</a>
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.



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**Synonyms:** BGR; BRGL; PRTD-NY3; PRTDNY3

**Note:** Immunogen Sequence Homology: Pig: 100%; Human: 100%; Guinea pig: 100%; Zebrafish: 92%; Horse: 86%; Bovine: 86%; Rabbit: 86%; Dog: 85%; Mouse: 79%

**Product images:**



WB Suggested Anti-ACSBG2 Antibody Titration:  
0.2-1 ug/ml; Positive Control: HeLa cell lysate