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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53793_P050-FITC
Product Page	www.avivasysbio.com/acsbg2-antibody-middle-region-fitc-arp53793-p050-fitc.html
Name	ACSBG2 Antibody - middle region : FITC (ARP53793_P050-FITC)
Protein Size (# AA)	616 amino acids
Molecular Weight	68kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	81616
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Acyl-CoA synthetase bubblegum family member 2
Alias Symbols	BGR, BRGL, PRTDNY3, PRTD-NY3
Peptide Sequence	Synthetic peptide located within the following region: LNQETAFFFLSLDIPIGELYGLSESSGPHTISNQNNYRLSCGKILTGCK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	COPS5;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ACSBG2 (ARP53793_P050-FITC) antibody
Blocking Peptide	For anti-ACSBG2 (ARP53793_P050-FITC) antibody is Catalog # AAP53793 (Previous Catalog # AAP30635)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACSBG2
Uniprot ID	Q5FVE4
Protein Name	Long-chain-fatty-acid--CoA ligase ACSBG2
Protein Accession #	AAQ89126
Purification	Affinity Purified
Nucleotide Accession #	Q5FVE4
Gene Symbol	ACSBG2
Predicted Species Reactivity	Human, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 85%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 79%; Rabbit: 86%; Zebrafish: 92%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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