ACSBG2 Conjugated Antibody

Catalog No: #C35552

Package Size: #C35552-AF350 100ul #C35552-AF405 100ul #C35552-AF488 100ul #C35552-AF555 100ul #C35552-AF594 100ul #C35552-AF647 100ul #C35552-AF680 100ul #C35552-AF750 100ul #C35552-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	ACSBG2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACSBG2 protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human Long-chain-fatty-acid--CoA ligase ACSBG2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BGR, BRGL, PRTDNY3, PRTD-NY3
Accession No.	Swiss-Prot#:Q5FVE4NCBI Gene ID:81616NCBI Protein#:BC022027
Uniprot	Q5FVE4
GeneID	81616;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Long-chain-fatty-acidoΩ½oΩ½CoA ligase ACSBG2 is an enzyme that in humans is encoded by the ACSBG2 gene.Mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. 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. Has increased ability to activate oleic and linoleic acid. May play a role in spermatogenesis.

Note: This product is for in vitro research use only