

## ACSM5 Conjugated Antibody

Catalog No: #C36025



Package Size: #C36025-AF350 100ul #C36025-AF405 100ul #C36025-AF488 100ul  
 #C36025-AF555 100ul #C36025-AF594 100ul #C36025-AF647 100ul  
 #C36025-AF680 100ul #C36025-AF750 100ul #C36025-Biotin 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
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## Description

Product Name	ACSM5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACSM5 protein.
Immunogen Description	Full length fusion protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	mitochondrial,FLJ20581, MACS3
Accession No.	Swiss-Prot#:Q6NUN0NCBI Gene ID:54988NCBI Protein#:BC016703
Uniprot	Q6NUN0
GeneID	54988;
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

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Fatty acids are incorporated into membranes and signaling molecules and have roles in energy storage and metabolism. These essential functions require activation of the fatty acid by acyl-coenzyme A (CoA) synthetases, such as ACSM5, which form an activating thioester linkage between the fatty acid and CoA. Has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). Acts on acids from C4 to C11 and on the corresponding 3-hydroxy- and 2,3- or 3,4-unsaturated acids (in vitro).

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Note: This product is for in vitro research use only