

ACOT4 Conjugated Antibody

Catalog No: #C34382



Package Size: #C34382-AF350 100ul #C34382-AF405 100ul #C34382-AF488 100ul
 #C34382-AF555 100ul #C34382-AF594 100ul #C34382-AF647 100ul
 #C34382-AF680 100ul #C34382-AF750 100ul #C34382-Biotin 100ul

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Description

Product Name	ACOT4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACOT4 protein.
Immunogen Description	Synthesized peptide derived from internal of human ACOT4.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	acyl-CoA thioesterase 4;acyl-coenzyme A thioesterase 4;EC 3.1.2.2;peroxisomal acyl coenzyme A thioester hydrolase Ib;peroxisomal long-chain acyl-CoA thioesterase Ib
Accession No.	Swiss-Prot#:Q8N9L9NCBI Gene ID:122970
Uniprot	Q8N9L9
GeneID	122970;
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
Calculated MW	48
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Acyl-CoA thioesterases are a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH. By similarity, Succinyl-CoA thioesterase that also hydrolyzes long chain saturated and unsaturated monocarboxylic acyl-CoAs.

Note: This product is for in vitro research use only