



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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	ARP55281_P050-FITC
Product Page	<a href="http://www.avivasysbio.com/acot11-antibody-middle-region-fitc-arp55281-p050-fitc.html">www.avivasysbio.com/acot11-antibody-middle-region-fitc-arp55281-p050-fitc.html</a>
Name	ACOT11 Antibody - middle region : FITC (ARP55281_P050-FITC)
Protein Size (# AA)	607 amino acids
Molecular Weight	68kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	26027
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Acyl-CoA thioesterase 11
Alias Symbols	BFIT, THEA, THEM1, STARD14
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">YVIALRSVTLPTHREIPEYRRGETLCSGFCLWREGDQLTKCCWVRVSLTE</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Hunt, M.C., (2006) FASEB J. 20 (11), 1855-1864
Description of Target	ACOT11 is a protein with acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Expression of a similar murine protein in brown adipose tissue is induced by cold exposure and repressed by warmth. Expression of the mouse protein has been associated with obesity, with higher expression found in obesity-resistant mice compared with obesity-prone mice. This gene encodes a protein with acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Expression of a similar murine protein in brown adipose tissue is induced by cold exposure and repressed by warmth. Expression of the mouse protein has been associated with obesity, with higher expression found in obesity-resistant mice compared with obesity-prone mice. Alternative splicing results in two transcript variants encoding different isoforms.
Protein Interactions	ACOT11;
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 <a href="#">anti-ACOT11 (ARP55281_P050-FITC) antibody</a>
Blocking Peptide	For anti-ACOT11 (ARP55281_P050-FITC) antibody is <a href="#">Catalog # AAP55281</a> (Previous Catalog # AAPP33112)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACOT11
Uniprot ID	<a href="#">Q8WXI4</a>
Protein Name	Acyl-coenzyme A thioesterase 11
Sample Type Confirmation	ACOT11 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	<a href="#">NP_056362</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_015547</a>
Gene Symbol	<a href="#">ACOT11</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit

<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 86%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%
<b>Image 1</b>	

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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