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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

| | |
|------------------------------|--|
| Product Number | ARP55281_P050-HRP |
| Product Page | www.avivasysbio.com/acot11-antibody-middle-region-hrp-arp55281-p050-hrp.html |
| Name | ACOT11 Antibody - middle region : HRP (ARP55281_P050-HRP) |
| Protein Size (# AA) | 607 amino acids |
| Molecular Weight | 68kDa |
| Conjugation | HRP: Horseradish Peroxidase |
| 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: YVIALRSVTLPTHREIPEYRRGETLCSGFCLWREGDQLTKCCWVRVSLTE |
| Product Format | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6. |
| 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 anti-ACOT11 (ARP55281_P050-HRP) antibody |
| Blocking Peptide | For anti-ACOT11 (ARP55281_P050-HRP) antibody is Catalog# AAP55281 (Previous Catalog# AAPP33112) |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human ACOT11 |
| Uniprot ID | Q8WXI4 |
| 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 # | NP_056362 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_015547 |
| Gene Symbol | ACOT11 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit |

| | |
|---|---|
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 86%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100% |
| Image 1 |  A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their bases. The two arms of the Y represent the antigen-binding sites. |

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.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com