

## Rabbit anti-Human SCOT Polyclonal Antibody | anti-OXCT1 antibody

Anti-SCOT Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA262318</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

SCOT; Polyclonal Antibody; Anti-SCOT Antibody; OXCT; Succinyl-CoA:3-ketoacid coenzyme A transferase 1; mitochondrial; 3-oxoacid CoA-transferase 1; Somatic-type succinyl-CoA:3-oxoacid CoA-transferase; SCOT-s; anti-OXCT1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of SCOT protein.                                                                  |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                 | 123                                                                                                            |
| Applicable Applications for anti-OXCT1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                       | Recombinant full length protein of human SCOT                                                                  |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of SCOT staining in human esophageal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of SCOT expression in Hela (A), Jurkat (B), mouse heart (C), rat kidney (D) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                     |                                    |
|-----------------------------------------------------|------------------------------------|
| Related Product Information for anti-OXCT1 antibody | Rabbit polyclonal antibody to SCOT |
|-----------------------------------------------------|------------------------------------|

### NCBI AND UNIPROT INFORMATION

|             |         |
|-------------|---------|
| NCBI GI #   | 4557817 |
| NCBI GeneID | 5019    |

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_000427.1</a>                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000436.3</a>                                              |
| UniProt Accession #              | <a href="#">P55809</a> ; <a href="#">B2R5V2</a> ; <a href="#">B7Z528</a> |
| Molecular Weight                 | 13,358 Da                                                                |
| NCBI Official Full Name          | succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial          |
| NCBI Official Synonym Full Names | 3-oxoacid CoA-transferase 1                                              |
| NCBI Official Symbol             | OXCT1                                                                    |
| NCBI Official Synonym Symbols    | OXCT; SCOT                                                               |
| NCBI Protein Information         | succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial          |
| UniProt Protein Name             | Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial          |
| UniProt Gene Name                | <b>OXCT1</b>                                                             |
| UniProt Synonym Gene Names       | OXCT; SCOT; SCOT-s                                                       |
| UniProt Entry Name               | SCOT1_HUMAN                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/scot-antibody-immunohistochemistry-western-blot-elisa/262318>