

## Rabbit anti-Human ACOT12 Polyclonal Antibody | anti-ACOT12 antibody

ACOT12 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                             |
|-----------|--------|------------|------------------------------------------|
| AAA303645 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry |

### PRODUCT SYNONYMS

ACOT12; Polyclonal Antibody; ACOT12 Antibody; Acyl-coenzyme A thioesterase 12; EC 3.1.2.1; Acyl-CoA thioesterase 12; Acyl-CoA thioester hydrolase 12; Cytoplasmic acetyl-CoA hydrolase 1; anti-ACOT12 antibody

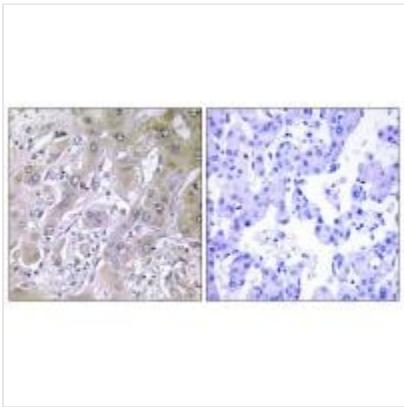
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                             |
| Reactivity                                       | Human                                                                                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                         |
| Specificity                                      | The antibody detects endogenous levels of total ACOT12 protein.                                                                                    |
| Purity/Purification                              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                      | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                  | 555                                                                                                                                                |
| Applicable Applications for anti-ACOT12 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                                                |
| Immunogen Type                                   | Peptide                                                                                                                                            |
| Immunogen Description                            | Synthesized peptide derived from internal of human ACOT12.                                                                                         |
| Target Name                                      | ACOT12                                                                                                                                             |
| Preparation and Storage                          | Store at -20 degree C                                                                                                                              |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence analysis of A549 cells, using ACOT12 antibody.



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using ACOT12 antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACOT12 antibody | Hydrolyzes acetyl-CoA to acetate and CoA.Suematsu N., Acta Biochim. Pol. 53:553-561(2006).The MGC Project Team; Genome Res. 14:2121-2127(2004). |
| Product Categories/Family for anti-ACOT12 antibody   | Total protein Ab                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| NCBI GI #                  | 18640736                                                                 |
| NCBI GeneID                | 134526                                                                   |
| NCBI Accession #           | NP_570123.1                                                              |
| NCBI GenBank Nucleotide #  | NM_130767.2                                                              |
| UniProt Accession #        | Q8WYK0; Q5FWE9; B3KVK9                                                   |
| Molecular Weight           | 18,327 Da                                                                |
| NCBI Official Full Name    | acyl-coenzyme A thioesterase 12                                          |
| UniProt Protein Name       | Acyl-coenzyme A thioesterase 12                                          |
| UniProt Gene Name          | ACOT12                                                                   |
| UniProt Synonym Gene Names | CACH; CACH1; STARD15; Acyl-CoA thioesterase 12; CACH-1; hCACH-1; StARD15 |
| UniProt Entry Name         | ACO12_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://www.aaabiotech.com/polyclonal/acot12-antibody-immunofluorescence-immunohistochemistry-elisa/303645>