

## Rabbit ACAA1 Polyclonal Antibody | anti-ACAA1 antibody

Anti-ACAA1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA262289</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

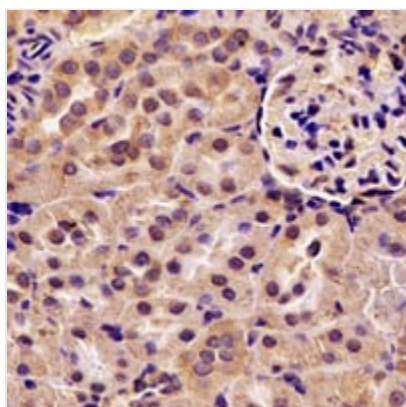
### PRODUCT SYNONYMS

ACAA1; Polyclonal Antibody; Anti-ACAA1 Antibody; ACAA; PTHIO; 3-ketoacyl-CoA thiolase; peroxisomal; Acetyl-CoA acyltransferase; Beta-ketothiolase; Peroxisomal 3-oxoacyl-CoA thiolase; anti-ACAA1 antibody

### PRODUCT SPECIFICATIONS

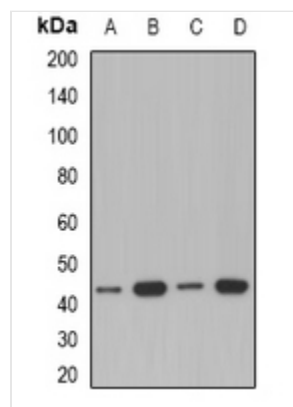
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                              |
| Clonality                                       | Polyclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of ACAA1 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                                 | 331                                                                                                            |
| Applicable Applications for anti-ACAA1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                       | Recombinant full length protein of human ACAA1                                                                 |
| 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 ACAA1 staining in rat kidney 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 ACAA1 expression in A549 (A), Jurkat (B), mouse kidney (C), rat liver (D) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-ACAA1 antibody | Rabbit polyclonal antibody to ACAA1 |
|-----------------------------------------------------|-------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 194353979                                      |
| NCBI GeneID                      | 30                                             |
| NCBI Accession #                 | NP_001123882.1                                 |
| NCBI GenBank Nucleotide #        | NM_001130410.1                                 |
| UniProt Accession #              | P09110; Q96CA6; G5E935                         |
| Molecular Weight                 | 34,665 Da                                      |
| NCBI Official Full Name          | 3-ketoacyl-CoA thiolase, peroxisomal isoform b |
| NCBI Official Synonym Full Names | acetyl-CoA acyltransferase 1                   |
| NCBI Official Symbol             | ACAA1                                          |
| NCBI Official Synonym Symbols    | ACAA; THIO; PTHIO                              |
| NCBI Protein Information         | 3-ketoacyl-CoA thiolase, peroxisomal           |
| UniProt Protein Name             | 3-ketoacyl-CoA thiolase, peroxisomal           |
| UniProt Gene Name                | ACAA1                                          |
| UniProt Synonym Gene Names       | ACAA; PTHIO                                    |
| UniProt Entry Name               | THIK_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/acaa1-antibody-immunohistochemistry-western-blot-elisa/262289>