

## Rabbit ACOT2 Polyclonal Antibody | anti-ACOT2 antibody

Anti-ACOT2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA292529 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Immunofluorescence, Western Blot |

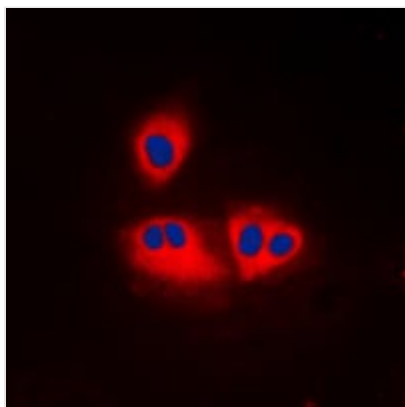
### PRODUCT SYNONYMS

ACOT2; Polyclonal Antibody; Anti-ACOT2 Antibody; PTE2; PTE2A; Acyl-coenzyme A thioesterase 2 mitochondrial; Acyl-CoA thioesterase 2; Acyl-coenzyme A thioester hydrolase 2a; CTE-Ia; Long-chain acyl-CoA thioesterase 2; ZAP128; anti-ACOT2 antibody

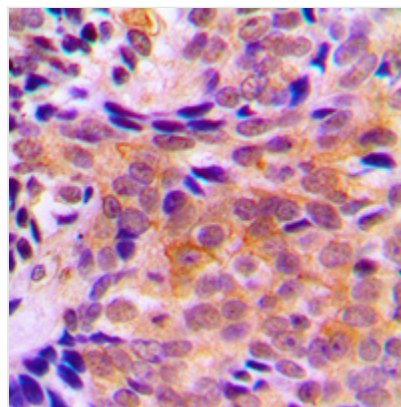
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-ACOT2 antibody | IHC (Immunohistochemistry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                          |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

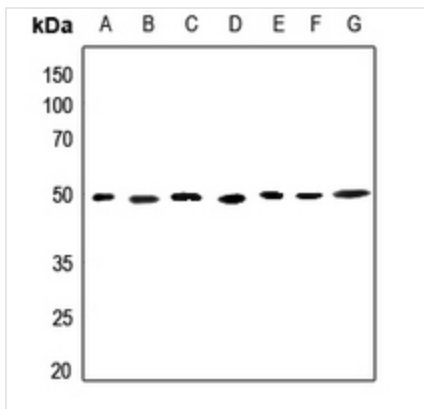
### IMAGES


**IF (Immunofluorescence)**

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)


**IHC (Immunohistochemistry)**

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Immunohistochemical analysis of ACOT2 staining in human breast 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)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) Western blot analysis of ACOT2 expression in HEK293T (A), HeLa (B), H1688 (C), mouse kidney (D), mouse testis (E), rat kidney (F), rat testis (G) whole cell lysates.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-ACOT2 antibody

Rabbit polyclonal antibody to ACOT2  
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACOT2. The exact sequence is proprietary.

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 148727286                                                                                                                                                                                                        |
| NCBI GeneID                      | 10965                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_006812.3                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_006821.5                                                                                                                                                                                                      |
| UniProt Accession #              | P49753; Q3I5F8; Q53EK4; Q9NUX4                                                                                                                                                                                   |
| Molecular Weight                 | 53,218 Da                                                                                                                                                                                                        |
| NCBI Official Full Name          | acyl-coenzyme A thioesterase 2, mitochondrial                                                                                                                                                                    |
| NCBI Official Synonym Full Names | acyl-CoA thioesterase 2                                                                                                                                                                                          |
| NCBI Official Symbol             | ACOT2                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | MTE1; PTE2; CTE1A; PTE2A; CTE-IA; ZAP128                                                                                                                                                                         |
| NCBI Protein Information         | acyl-coenzyme A thioesterase 2, mitochondrial; long-chain acyl-CoA thioesterase 2; mitochondrial acyl-CoA thioesterase 1; acyl-coenzyme A thioester hydrolase 2a; peroxisomal long-chain acyl-coA thioesterase 2 |
| UniProt Protein Name             | Acyl-coenzyme A thioesterase 2, mitochondrial                                                                                                                                                                    |
| UniProt Gene Name                | ACOT2                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | PTE2; PTE2A; Acyl-CoA thioesterase 2                                                                                                                                                                             |
| UniProt Entry Name               | ACOT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/acot2-antibody-immunohistochemistry-immunochemistry-immunofluorescence-western-blot-elisa/292529>