

## Rabbit ACO2 Polyclonal Antibody | anti-ACO2 antibody

ACO2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA240661 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

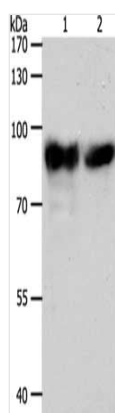
### PRODUCT SYNONYMS

ACO2; Polyclonal Antibody; ACO2 Antibody; Aconitase 2; mitochondrial; anti-ACO2 antibody

### PRODUCT SPECIFICATIONS

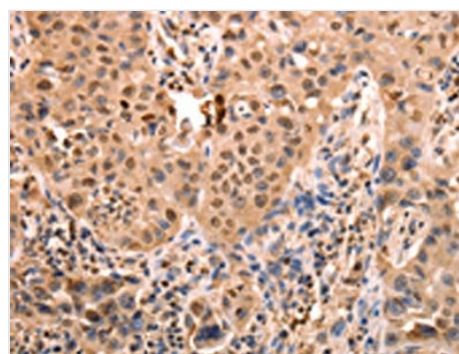
|                                                |                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                  |
| Reactivity                                     | Human, Mouse, Rat                                                                       |
| Clonality                                      | Polyclonal                                                                              |
| Isotype                                        | IgG                                                                                     |
| Purity/Purification                            | Antigen Affinity Purification                                                           |
| Form/Format                                    | Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN <sub>3</sub> , and 40% Glycerol |
| Applicable Applications for anti-ACO2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                    |
| Immunogen                                      | Synthetic peptide of human ACO2                                                         |
| Immunogen Species                              | Human                                                                                   |
| Conjugate                                      | Non-conjugated                                                                          |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.             |

### IMAGES



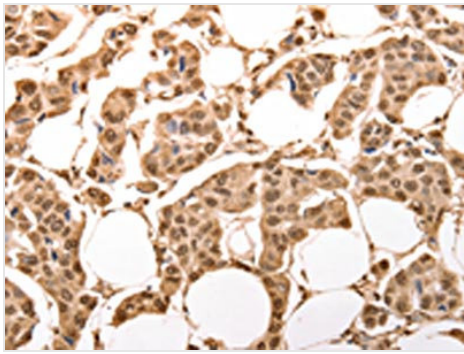
#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Mouse heart tissue, hela cells, Primary antibody: AAA240661(ACO2 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 seconds



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using AAA240661(ACO2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using AAA240661(ACO2 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

### ADDITIONAL INFORMATION

|                                                  |                     |
|--------------------------------------------------|---------------------|
| Product Categories/Family for anti-ACO2 antibody | Tags & Cell Markers |
|--------------------------------------------------|---------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 6686275                                                 |
| NCBI GeneID                      | 50                                                      |
| UniProt Accession #              | Q99798; O75809; Q5JZ41; Q6FHX0; Q8TAQ6                  |
| Molecular Weight                 | 780                                                     |
| NCBI Official Full Name          | Aconitate hydratase, mitochondrial                      |
| NCBI Official Synonym Full Names | aconitase 2, mitochondrial                              |
| NCBI Official Symbol             | ACO2                                                    |
| NCBI Official Synonym Symbols    | ICRD; ACONM                                             |
| NCBI Protein Information         | aconitate hydratase, mitochondrial; citrate hydro-lyase |
| UniProt Protein Name             | Aconitate hydratase, mitochondrial                      |
| UniProt Gene Name                | <b>ACO2</b>                                             |
| UniProt Synonym Gene Names       | Aconitase                                               |
| UniProt Entry Name               | ACON_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/aco2-antibody-immunohistochemistry-western-blot-elisa/240661>