

## Anti-ACOX2 antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml121473  |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Description</b>  | Anti-ACOX2 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB, IHC                        |
| <b>Immunogen</b>    | Fusion protein of human ACOX2         |
| <b>Reactivity</b>   | Human, Mouse                          |
| <b>Content</b>      | 0.2 mg/ml                             |
| <b>Host species</b> | Rabbit                                |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG         |
| <b>Purification</b> | Antigen affinity purification         |

### Target information

|                  |                                    |
|------------------|------------------------------------|
| <b>Symbol</b>    | ACOX2                              |
| <b>Full name</b> | Acyl-CoA oxidase 2, branched chain |
| <b>Synonyms</b>  | BCOX; BRCOX; THCCox; BRCACOX       |
| <b>Swissprot</b> | Q99424                             |

### Target Background

The product of this gene belongs to the acyl-CoA oxidase family. It encodes the branched-chain acyl-CoA oxidase which is involved in the degradation of long branched fatty acids and bile acid intermediates in peroxisomes. Deficiency of this enzyme results in the accumulation of branched fatty acids and bile acid intermediates, and may lead to Zellweger syndrome, severe mental retardation, and death in children.

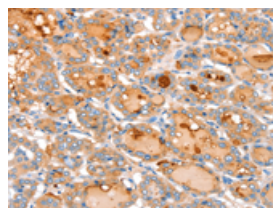
订购热线: 4008-898-798

## Applications

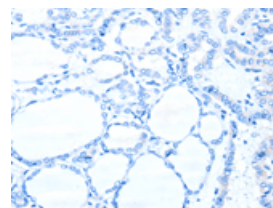
### Immunohistochemistry

Predicted cell location: Cytoplasm  
Positive control: Human lung cancer  
Recommended dilution: 25-100

Predicted cell location: Cytoplasm  
Positive control: Human thyroid cancer  
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml121473(ACOX2 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml121473(ACOX2 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 77 kDa  
Positive control: Mouse liver and kidney tissue  
Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

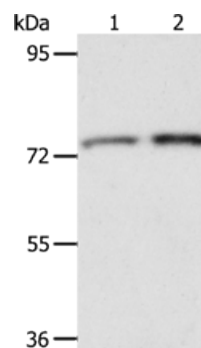
Lysate: 40  $\mu$ g

Lane 1-2: Mouse liver tissue, Mouse kidney tissue

Primary antibody: ml121473(ACOX2 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



### ELISA

Recommended dilution: 1000-2000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)