

## Anti-CLPS antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml122125  |
| <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-CLPS rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, IHC                           |
| <b>Immunogen</b>    | Fusion protein of human CLPS         |
| <b>Reactivity</b>   | Human                                |
| <b>Content</b>      | 0.6 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>    | CLPS                 |
| <b>Full name</b> | colipase, pancreatic |
| <b>Synonyms</b>  |                      |
| <b>Swissprot</b> | P04118               |

### Target Background

The protein encoded by this gene is a cofactor needed by pancreatic lipase for efficient dietary lipid hydrolysis. It binds to the C-terminal, non-catalytic domain of lipase, thereby stabilizing an active conformation and considerably increasing the overall hydrophobic binding site. The gene product allows lipase to anchor noncovalently to the surface of lipid micelles, counteracting the destabilizing influence of intestinal bile salts. This cofactor is only expressed in pancreatic acinar cells, suggesting regulation of expression by tissue-specific elements. Three transcript variants encoding different isoforms have been found for this gene.

订购热线: 4008-898-798

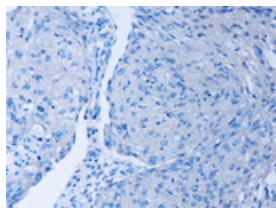
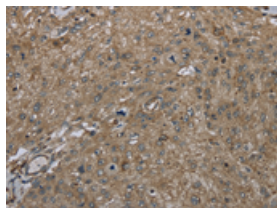
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human esophagus cancer

Recommended dilution: 50-200

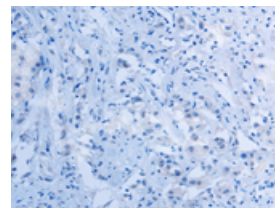
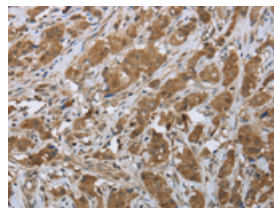


The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml122125(CLPS Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml122125(CLPS Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### ELISA

Recommended dilution: 2000-5000

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