

# Anti-LAP3 Rabbit Monoclonal Antibody

Catalog # ABO16694

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC                                                                                                 |
| <b>Primary Accession</b> | <a href="#">P28838</a>                                                                                  |
| <b>Host</b>              | Rabbit                                                                                                  |
| <b>Isotype</b>           | Rabbit IgG                                                                                              |
| <b>Reactivity</b>        | Human                                                                                                   |
| <b>Clonality</b>         | Monoclonal                                                                                              |
| <b>Format</b>            | Liquid                                                                                                  |
| <b>Description</b>       | Anti-LAP3 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human. |

## Additional Information

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 51056                                                                                                                                      |
| <b>Other Names</b>         | Cytosol aminopeptidase, 3.4.11.1, Prolyl aminopeptidase, LAP3 ( <a href="#">HGNC:18449</a> )                                               |
| <b>Calculated MW</b>       | 56166                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000<br>IHC 1:50-1:200                                                                                                          |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 31L65                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human LAP3                                                                                              |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

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| <b>Name</b>     | LAP3 ( <a href="#">HGNC:18449</a> )                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b> | Cytosolic metallopeptidase that catalyzes the removal of unsubstituted N-terminal hydrophobic amino acids from various peptides. The presence of Zn(2+) ions is essential for the peptidase activity, and the association with other cofactors can modulate the substrate specificity of the enzyme. For instance, in the presence of Mn(2+), it displays a specific Cys-Gly hydrolyzing |

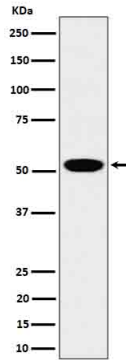
activity of Cys-Gly-S- conjugates. Involved in the metabolism of glutathione and in the degradation of glutathione S-conjugates, which may play a role in the control of the cell redox status.

#### Cellular Location

Cytoplasm {ECO:0000250 | UniProtKB:Q68FS4}.

## Images

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Western blot analysis of LAP3 expression in 293T cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.