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LAP3 Antibody
Rabbit mAb
Catalog # AP93169

Specification

LAP3 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P28838
Clonality	**Monoclonal**

Other Names
LAP; Lap3; LAPEP; Leucine aminopeptidase 3; PEPS; Peptidase S;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**56166 Da**

LAP3 Antibody - Additional Information

Dilution	**WB~~1:1000** **IHC~~1:100~500**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human LAP3**
Description	**Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various peptides.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

LAP3 Antibody - Protein Information

Name LAP3 (HGNC:18449)

Function
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}.

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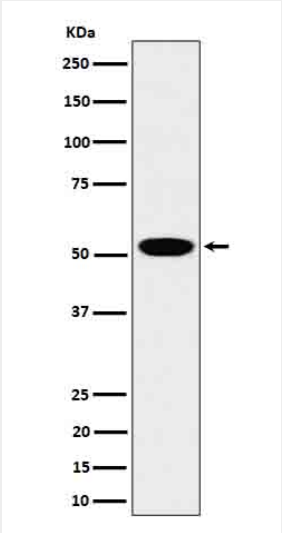
LAP3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LAP3 Antibody - Images



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