

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

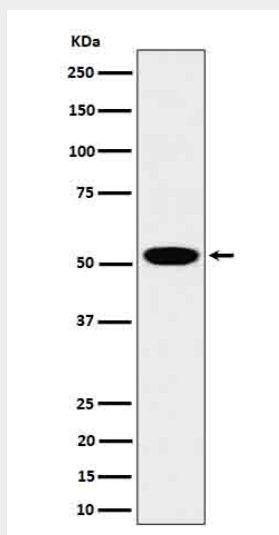
Cytoplasm {ECO:0000250|UniProtKB:Q68FS4}.

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 Cytometry](#)
- [Cell Culture](#)

LAP3 Antibody - Images



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