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LAP3 Antibody

Rabbit mAb
Catalog # AP93169

Product Information

Application	WB, IHC
Primary Accession	P28838
Reactivity	Human
Clonality	Monoclonal
Other Names	LAP; Lap3; LAPEP; Leucine aminopeptidase 3; PEPS; Peptidase S;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	56166

Additional Information

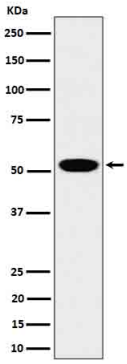
Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human LAP3
Description	Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various 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.

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 spectificity 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

Western blot analysis of LAP3 expression in 293T cell



lysate.

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