

LAP3 Polyclonal Antibody

Catalog No: #30822

Package Size: #30822-1 50ul #30822-2 100ul

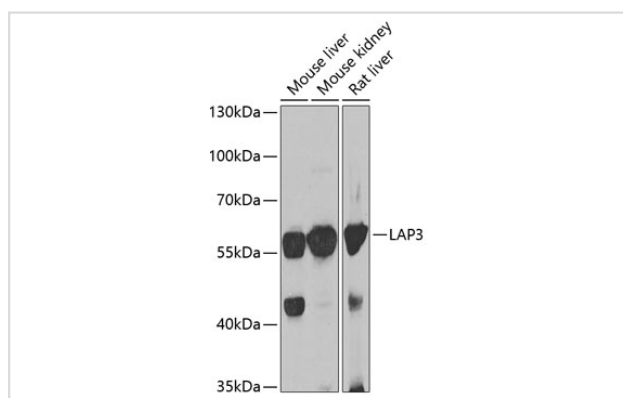
Description

Product Name	LAP3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human LAP3 (NP_056991.2).
Conjugates	Unconjugated
Other Names	LAP3;HEL-S-106;LAP;LAPEP;PEPS
Accession No.	Uniprot:P28838GenelD:51056
Calculated MW	56kDa
SDS-PAGE MW	56kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using LAP3 antibody.

Background

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.

Published Papers

Lei Chen;Xia Zhao;Rui Sheng;Philip Lazarovici;Wenhua Zheng et al., Artemisinin alleviates astrocyte overactivation and neuroinflammation by modulating the IRE1/NF- κ B signaling pathway in in vitro and in vivo Alzheimer's disease models., , (2025)

[PMID:39826816](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.