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Datasheet for ABIN6143087  
**anti-LAP3 antibody (AA 260-519)**

1 Image

Overview

Quantity:	100 µL
Target:	LAP3
Binding Specificity:	AA 260-519
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAP3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 260-519 of human LAP3 (NP_056991.2).
Sequence:	VFLEIHYKGS PNANEPPLVF VGKGITFDSG GISIKASANM DLMRADMGGA ATICSAIVSA AKLNLPIINII GLAPLCENMP SGKANKPGDV VRAKNGKTIQ VDNTDAEGRL ILADALCYAH TFNPKVILNA ATLTGAMDVA LGSGATGVFT NSSWLWNKLF EASJETGDRV WRMPLFEHYT RQVVDCQLAD VNNIGKYRSA GACTAAFLK EFVTHPKWAH LDIAGVMTNK DEVPYLRKGM TGRPRTLIE FLLRFSQDNA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	LAP3
Alternative Name:	LAP3 ( <a href="#">LAP3 Products</a> )
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.,LAP3,HEL-S-106,LAP,LAPEP,PEPS,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,Cardiovascular,Blood,Blood Pressure regulation,LAP3
Molecular Weight:	52 kDa/56 kDa
Gene ID:	51056
UniProt:	<a href="#">P28838</a>

## Application Details

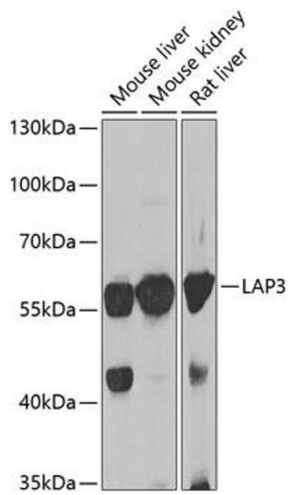
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using L antibody (ABIN6131434, ABIN6143087, ABIN6143088 and ABIN6222907) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.