

Anti-LAP3 Rabbit Monoclonal Antibody
Catalog # ABO16694**Specification**

Anti-LAP3 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	P28838
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-LAP3 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Anti-LAP3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 51056

Other Names

Cytosol aminopeptidase, 3.4.11.1, Prolyl aminopeptidase, LAP3 (HGNC:18449)

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human LAP3

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-LAP3 Rabbit Monoclonal 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.

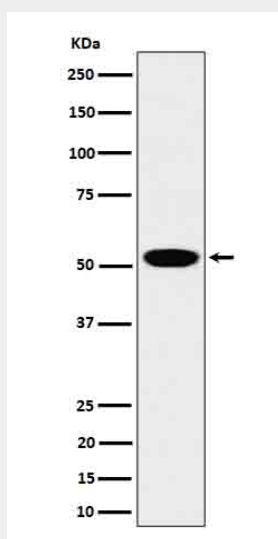
Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q68FS4}.

Anti-LAP3 Rabbit Monoclonal 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](#)

Anti-LAP3 Rabbit Monoclonal Antibody - Images

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