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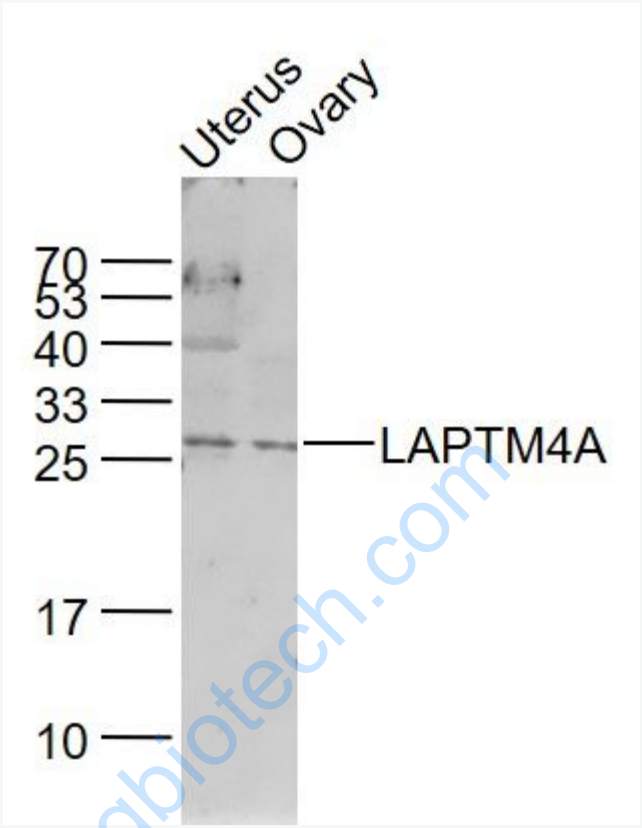
Rabbit Anti-LAPTM4A antibody

SL9562R

Product Name:	LAPTM4A
Chinese Name:	溶酶体相关膜蛋白4α抗体
Alias:	Golgi 4 transmembrane spanning transporter MTP; Golgi 4-transmembrane-spanning transporter MTP; HUMORF13; KIAA0108; LAP4A_HUMAN; LAPTM4; LAPTM4A; Lysosomal associated protein transmembrane 4 alpha; Lysosomal associated transmembrane protein 4A; Lysosomal protein transmembrane 4 alpha; Lysosomal-associated transmembrane protein 4A; MBNT; Membrane nucleoside transporter; MTRP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	27kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LAPTM4A:101-200/233
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Lysosomal-associated transmembrane protein 4A (LAPTM4A), also known as Golgi 4-transmembrane spanning transporter MTP, is a 233 amino acid protein belonging to the

	LAPTM5/LAPTM5 transporter family. LAPTM4A is subcellularly localized to the intracytoplasmic membrane and has the potential to reside in intracellular membrane-bound compartments. LAPTM4A is thought to function as a transporter of nucleosides and/or nucleoside derivatives between the cytosol and the lumen of intracellular compartments. LAPTM4A is predicted to have four transmembrane domains, with the C-terminal domain being required for retention of the protein within intracellular membranes. **Function:** May function in the transport of nucleosides and/or nucleoside derivatives between the cytosol and the lumen of an intracellular membrane-bound compartment. **Subcellular Location:** Endomembrane system. May reside in an intracellular membrane-bound compartment. **Similarity:** Belongs to the LAPTM4/LAPTM5 transporter family. **SWISS:** Q15012 **Gene ID:** 9741 **Database links:** Entrez Gene: 9741Human Entrez Gene: 17775Mouse SwissProt: Q15012Human SwissProt: Q60961Mouse Unigene: 467807Human Unigene: 30071Mouse Unigene: 401534Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Uterus (Mouse) Lysate at 40 ug

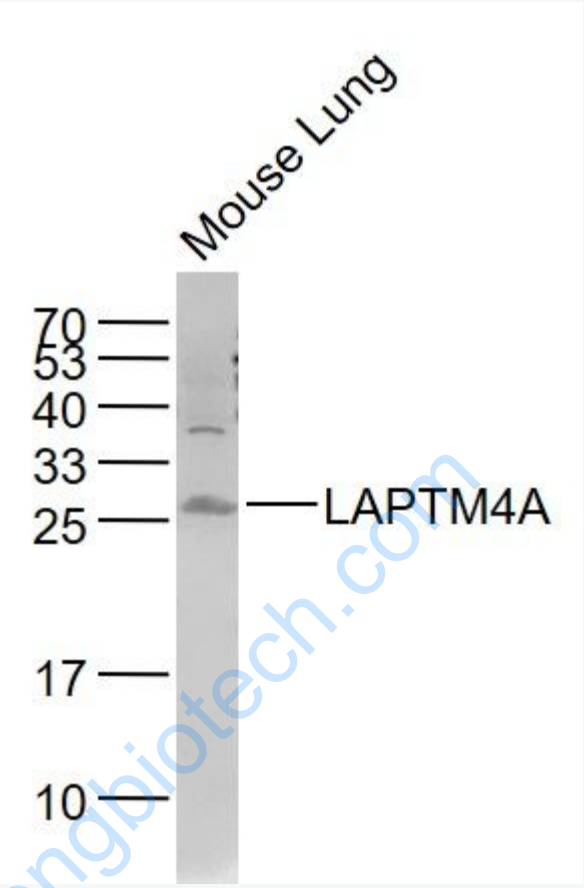
Ovary (Mouse) Lysate at 40 ug

Primary: Anti- LAPTM4A (SL9562R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD

Observed band size: 27 kD



Sample:

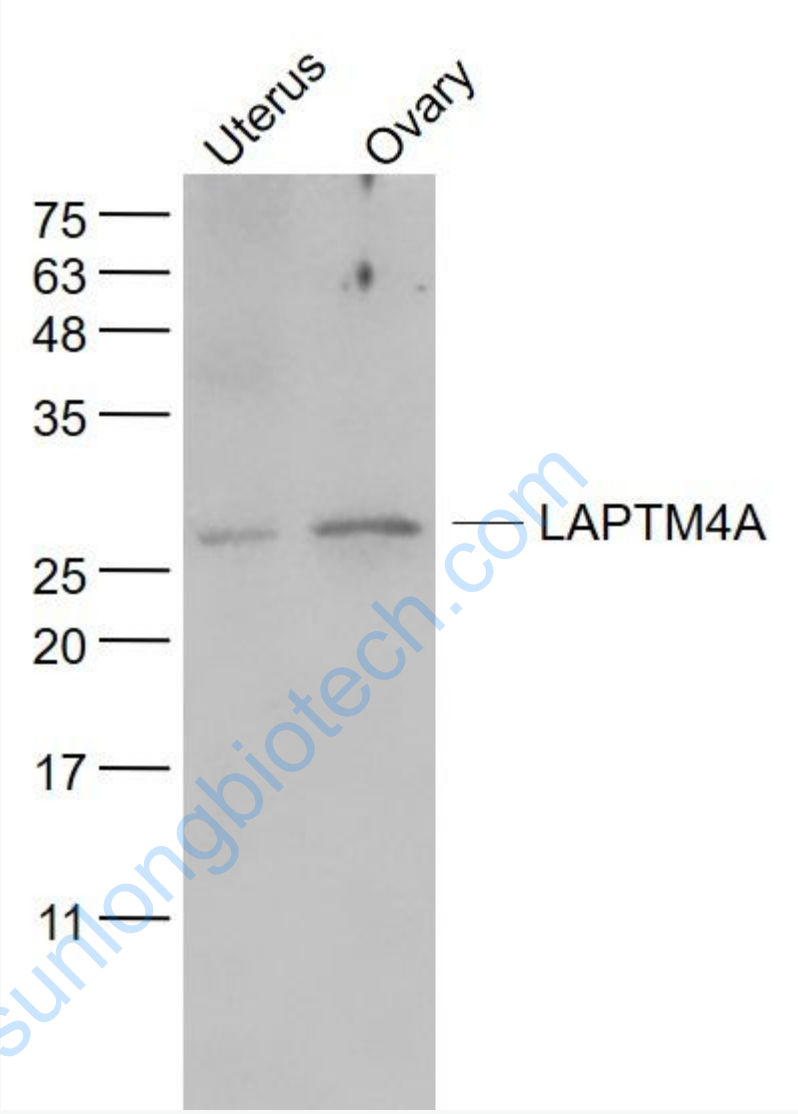
Lung (Mouse) Lysate at 40 ug

Primary: Anti- LAPTM4A (SL9562R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD

Observed band size: 27 kD



Sample:

Uterus (Mouse) Lysate at 40 ug

Ovary (Mouse) Lysate at 40 ug

Primary: Anti- LAPTM4A (SL9562R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

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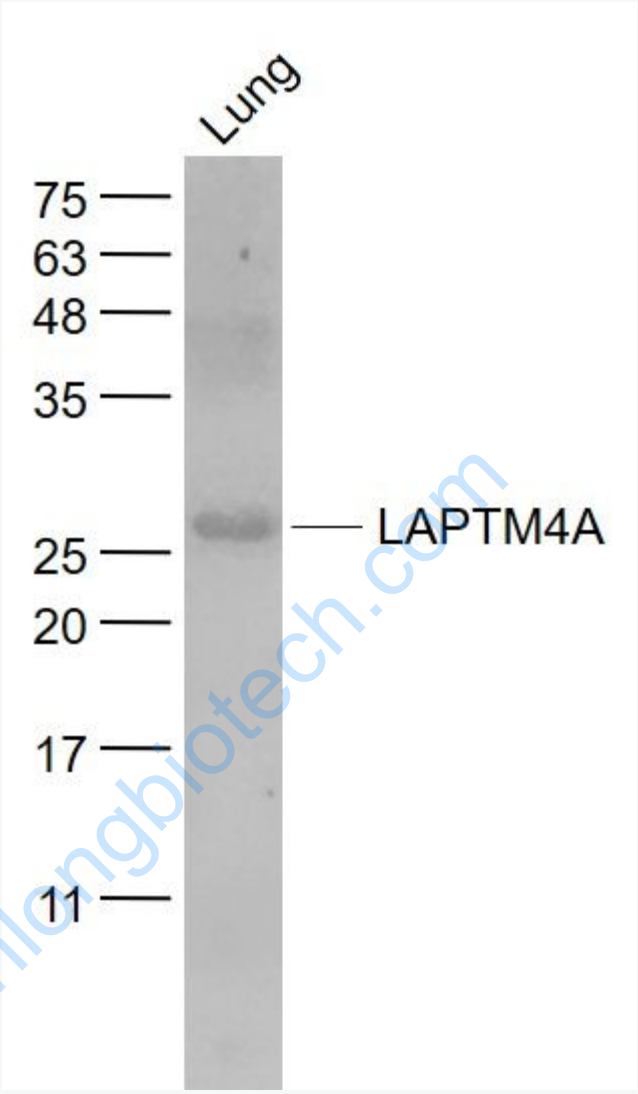

Sample:

Lung (Mouse) Lysate at 40 ug

Primary: Anti- LAPTM4A (SL9562R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD

Observed band size: 27 kD