

Rabbit LAPTM4B Polyclonal Antibody | anti-LAPTM4B antibody

LAPTM4B antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199803	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

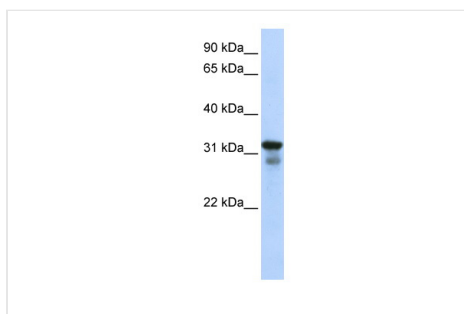
PRODUCT SYNONYMS

LAPTM4B; Polyclonal Antibody; LAPTM4B antibody - middle region; anti-LAPTM4B antibody

PRODUCT SPECIFICATIONS

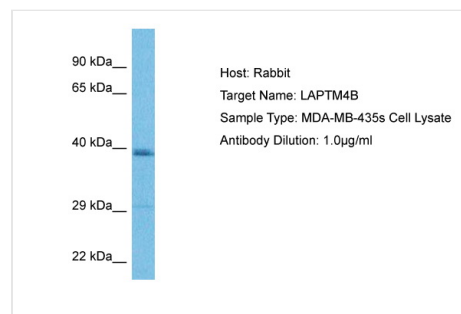
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: YP NSIQEYIRQL PPNFPYRDDV MSVNPTCLVL IILLFISILL TFKGYLIS
Sequence Length	317
Applicable Applications for anti-LAPTM4B antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LAPTM4B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



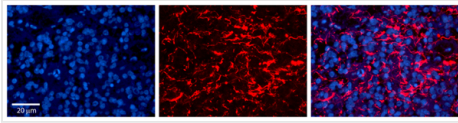
WB (Western Blot)

WB Suggested Anti-LAPTM4B Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: 293T cell lysate
 There is BioGPS gene expression data showing that LAPTM4B is expressed in HEK293T



WB (Western Blot)

Host: Rabbit
 Target Name: LAPTM4B
 Sample Type: MDA-MB-435s Cell Lysate
 Antibody Dilution: 1.0 ug/ml



IHC (Immunohistochemistry)
 Rabbit Anti-LAPTM4B Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue
 Observed Staining: Membrane and cytoplasmic in processes of pinealocytes and interstitial cells
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1/600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-LAPTM4B antibody	This is a rabbit polyclonal antibody against LAPTM4B. It was validated on Western Blot using a cell lysate as a positive control. Target Description: LAPTM4B is a multi-pass membrane protein. It belongs to the LAPTM4/LAPTM5 transporter family. LAPTM4b has active role in disease progression of malignant cells and is involved in cell proliferation and multidrug resistance. The genetic polymorphism of LAPTM4B is a potential risk factor for the development of colon cancer and gastric cancer. The research results also indicated that LAPTM4B may be a clinically useful prognostic indicator for ovarian carcinoma and may play a role in human hepatocellular carcinoma.
Product Categories/Family for anti-LAPTM4B antibody	Polyclonal; Membrane Protein; Developmental Biology; Membrane & Traffic; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	1423310382
NCBI GeneID	55353
NCBI Accession #	NP_060877
NCBI GenBank Nucleotide #	NM_018407
UniProt Accession #	Q86VI4
Molecular Weight	35kDa
NCBI Official Full Name	lysosomal-associated transmembrane protein 4B
NCBI Official Synonym Full Names	lysosomal protein transmembrane 4 beta
NCBI Official Symbol	LAPTM4B
NCBI Official Synonym Symbols	LC27; LAPTM4beta
NCBI Protein Information	lysosomal-associated transmembrane protein 4B
UniProt Protein Name	Lysosomal-associated transmembrane protein 4B
UniProt Gene Name	LAPTM4B
UniProt Entry Name	LAP4B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/laptm4b-antibody-western-blot-immunohistochemistry-elisa/199803>