

LPTM4B Rabbit pAb

货号: **AYP12646**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	25kDa/35kDa/41kDa
实测分子量	37kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,HeLa,A-549,SKOV3,B cells,Mouse brain,Mouse eye,Rat ovary
细胞定位	Endomembrane system,Multi-pass membrane protein
纯化	Affinity purification

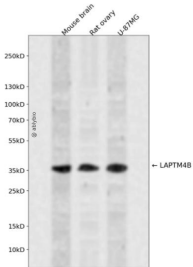
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 218-317 of human LPTM4B (NP_060877.3).
序列	NSIQEYIRQLPPNFPYRDDVMSVNPTCLVLIILLFISIILTFKGYLISCVWNCYRYINGRNSSDVLVYVTSNDTTVLLPPYDDATV NGAAKEPPPPYVSA

靶点信息

研究背景	Required for optimal lysosomal function. Blocks EGF-stimulated EGFR intraluminal sorting and degradation. Conversely by binding with the phosphatidylinositol 4,5-bisphosphate, regulates its PIP5K1C interaction, inhibits HGS ubiquitination and relieves LAPT4B inhibition of EGFR degradation. Recruits SLC3A2 and SLC7A5 (the Leu transporter to the lysosome, promoting entry of leucine and other essential amino acid (EAA) into the lysosome, stimulating activation of proton-transporting vacuolar (V-ATPase protein pump (V-ATPase and hence mTORC1 activation. Plays a role as negative regulator of TGF β 1 production in regulatory T cells. Binds ceramide and facilitates its exit from late endosome in order to control cell death pathways.
基因ID	55353
基因名	LAPT4B
Swiss	Q86VI4
别名	LAPT4B;LAPT4beta;LC27

产品验证



Western blot analysis of LAPT4B expressed in Mouse brain,Rat ovary,U-87MG using LAPT4B Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 12 0s.

实验步骤

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