abcam

Product datasheet

Anti-LAMP2 antibody ab203224

11 References　　2 图像

概述

产品名称	Anti-LAMP2抗体
描述	兔多克隆抗体to LAMP2
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Mouse
	预测可用于: Human　⚠
免疫原	Synthetic peptide within Human LAMP2 aa 300-400 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please **contact** our Scientific Support team to discuss your requirements. Database link: **P13473**
	Run BLAST with　　　　**Run BLAST with**
阳性对照	WB: Mouse intestine, liver and placenta lysates.
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X Aqueous buffered solution.

纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

"应用说明"部分 下显示的仅为**推荐的起始稀释度**;实际**最佳的稀释度/浓度应由使用者**检定。

应用	Ab评论	说明
WB		1/100 - 1/1000. Predicted molecular weight: 45 kDa.

靶标

功能	Implicated in tumor cell metastasis. May function in protection of the lysosomal membrane from autodigestion, maintenance of the acidic environment of the lysosome, adhesion when expressed on the cell surface (plasma membrane), and inter-and intracellular signal transduction. Protects cells from the toxic effects of methylating mutagens.
组织特异性	Isoform LAMP-2A is highly expressed in placenta, lung and liver, less in kidney and pancreas, low in brain and skeletal muscle. Isoform LAMP-2B is highly expressed in skeletal muscle, less in brain, placenta, lung, kidney and pancreas, very low in liver.
疾病相关	Defects in LAMP2 are the cause of Danon disease (DAND) [MIM:300257]; also known as glycogen storage disease type 2B (GSD2B). DAND is a lysosomal glycogen storage disease characterized by the clinical triad of cardiomyopathy, vacuolar myopathy and mental retardation. It is often associated with an accumulation of glycogen in muscle and lysosomes.
序列相似性	Belongs to the LAMP family.
翻译后修饰	O- and N-glycosylated; some of the 16 N-linked glycans are polylactosaminoglycans.
细胞定位	Cell membrane. Endosome membrane. Lysosome membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane.
形式	Alternative splicing produces 3 isoforms.

图片
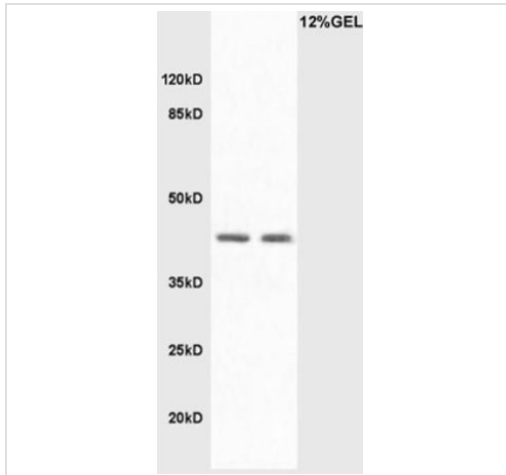
Western blot - Anti-LAMP2 antibody (ab203224)

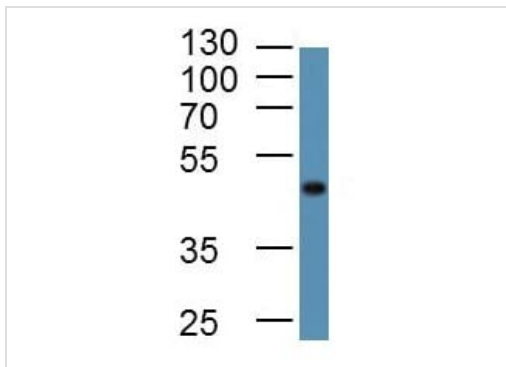**All lanes :** Anti-LAMP2 antibody (ab203224) at 1/200 dilution

Lane 1 : Mouse intestine lysate

Lane 2 : Mouse liver lysate

Secondary

All lanes : Goat Anti-Rabbit IgG Antibody (H+L), HRP Conjugated at 1/3000 dilution

Predicted band size: 45 kDa

Western blot - Anti-LAMP2 antibody (ab203224)

Anti-LAMP2 antibody (ab203224) at 1/100 dilution + Mouse placenta lysate

Predicted band size: 45 kDa

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