


Anti-SYBL1/VAMP-7 antibody [158.2] ab36195

★★★★★ [1 Abreviews](#) [25 References](#) [2 图像](#)

概述

产品名称	Anti-SYBL1/VAMP-7抗体[158.2]
描述	小鼠单克隆抗体[158.2] to SYBL1/VAMP-7
宿主	Mouse
经测试应用	适用于: IHC-Fr, IHC-P, ICC/IF, Flow Cyt, WB
种属反应性	与反应: Rat, Human 预测可用于: Mouse, Dog 
免疫原	Recombinant full length protein corresponding to Human SYBL1/VAMP-7. Database link: P51809
阳性对照	extract from rat brain
常规说明	<p>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.</p> <p>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</p>

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.
存储溶液	Constituents: 1.21% Tris, 0.75% Glycine, 2% Sucrose
纯度	Protein A purified
克隆	单克隆
克隆编号	158.2
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab36195于以下的经测试应用

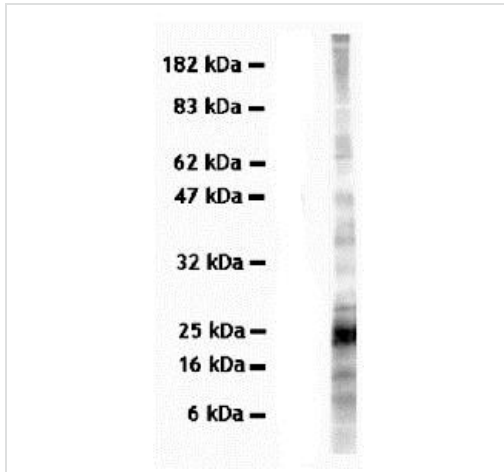
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 19138172
Flow Cyt		1/50. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		1/500 - 1/2000. Predicted molecular weight: 24 kDa.

靶标

功能	Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.
组织特异性	Detected in all tissues tested.
序列相似性	Belongs to the synaptobrevin family. Contains 1 longin domain. Contains 1 v-SNARE coiled-coil homology domain.
细胞定位	Cytoplasmic vesicle > secretory vesicle membrane. Golgi apparatus > trans-Golgi network membrane. Late endosome membrane. Lysosome membrane. Endoplasmic reticulum membrane. Cytoplasmic vesicle > phagosome membrane.

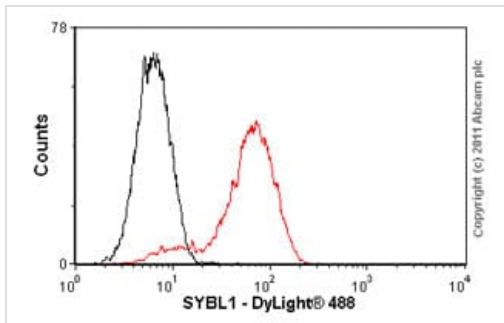
图片



Western blot - Anti-SYBL1/VAMP-7 antibody [158.2] (ab36195)

Anti-SYBL1/VAMP-7 antibody [158.2] (ab36195) at 1/500 dilution + Tissue lysates prepared from rat brain

Predicted band size: 24 kDa



Flow Cytometry - Anti-SYBL1/VAMP-7 antibody [158.2] (ab36195)

Overlay histogram showing PC12 cells stained with ab36195 (red line). The cells were fixed with 4% paraformaldehyde and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab36195, 1/50 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [C1GG1] ([ab91353](#), 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in PC12 cells fixed with methanol (5 min)/permeabilized with 0.1% PBS-Tween used under the same conditions.

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