

Product datasheet

Anti-BVES antibody ab77639

2 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-BVES抗体 |
| 描述 | 小鼠单克隆抗体to BVES |
| 宿主 | Mouse |
| 经测试应用 | 适用于: WB, ELISA |
| 种属反应性 | 与反应: Mouse, Rat, Human |
| 免疫原 | Recombinant fragment: YSLNDPTLND KKAKKLEHQL SLCTQISMLE MRNSIASSSD SDDGLHQFLR GTSSMSSLHV SSPHQRASAK MKPIEEGAED DDDVFEFASP NTLKVHQLP, corresponding to amino acids 262-360 of human BVES (NP_009004) with a 26 kDa tag. Run BLAST with ExPASy Run BLAST with NCBI |
| 阳性对照 | IMR-32 cell lysate; recombinant tagged fragment of human BVES. |

性能

| | |
|------|--|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Preservative: None Constituents: 1X PBS, pH 7.2 |
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 同种型 | IgG2a |
| 轻链类型 | kappa |

应用

Our [Abpromise guarantee](#) covers the use of **ab77639** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|----|------|---|
| WB | | 1/500 - 1/1000. Predicted molecular weight: 41 kDa. |

| 应用 | Ab评论 | 说明 |
|-------|------|-------------------------------------|
| ELISA | | Use at an assay dependent dilution. |

靶标

功能

Cell adhesion molecule involved in the establishment and/or maintenance of cell integrity. Involved in the formation and regulation of the tight junction (TJ) paracellular permeability barrier in epithelial cells. Plays a role in VAMP3-mediated vesicular transport and recycling of different receptor molecules through its interaction with VAMP3. Plays a role in the regulation of cell shape and movement by modulating the Rho-family GTPase activity through its interaction with ARHGEF25/GEFT. Induces primordial adhesive contact and aggregation of epithelial cells in a Ca(2+)-independent manner. Also involved in striated muscle regeneration and repair and in the regulation of cell spreading.

组织特异性

Expressed in epithelial cells (at protein level). Expressed in fetal and adult heart and skeletal muscle.

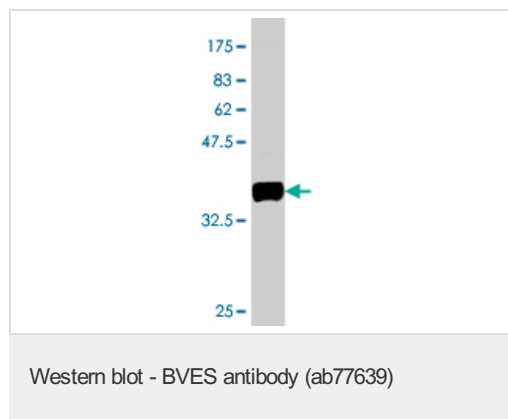
序列相似性

Belongs to the popeye family.

细胞定位

Lateral cell membrane. Cell junction > tight junction. Membrane. Colocalizes with VAMP3 at the cell-cell contact in cardiac and skeletal muscle (By similarity). Its movement from the cytoplasm to membrane is an early event occurring concurrently with cell-cell contact. Colocalizes in epithelial cells with OCLN and TJP1 in an apical-lateral position within the z axis. Detected at cell-cell contact but never observed at the free surface of epithelial cells.

图片



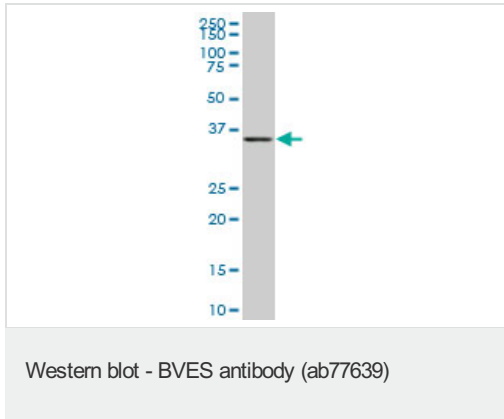
Anti-BVES antibody (ab77639) at 1/500 dilution + Recombinant tagged fragment of human BVES (the immunogen) at 0.2 µg

Secondary

Goat anti-Mouse IgG (H&L)-HRP at 1/5000 dilution

Predicted band size: 41 kDa

Observed band size: 37 kDa



Anti-BVES antibody (ab77639) at 1/500
dilution + IMR-32 cell lysate at 25 µg

Secondary

Goat anti-Mouse IgG (H&L)-HRP at 1/2500
dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa

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