# abcam

### Product datasheet

## Anti-BCAR1 (phospho Y410) antibody [EPR1860] ab92699



重组 RabMAb

#### 2 图像

#### 概述

产品名称 Anti-BCAR1 (phospho Y410)抗体[EPR1860]

描述 兔单克隆抗体[EPR1860] to BCAR1 (phospho Y410)

宿主 Rabbit

经测试应用 适用于: WB

不适用于: Flow Cyt,ICC/IF or IHC-P

种属反应性 与反应: Human

免疫原 Synthetic peptide within Human BCAR1 (phospho Y410). The exact sequence is proprietary.

阳性对照 HeLa cell lysate treated with pervanadate

This product is a recombinant monoclonal antibody, which offers several advantages including: 常规说明

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with

these species. Please contact us for more information.

#### 性能

形式 Liquid

存放说明 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

存储溶液

Preservative: 0.05% Sodium azide

Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue

culture supernatant

纯度 Tissue culture supernatant

单克隆 克隆

**克隆编号** EPR1860

**同种型** IgG

#### 应用

#### The Abpromise guarantee Abpromise™承诺保证使用ab92699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
WB		1/2500 - 1/5000. Predicted molecular weight: 93 kDa.

应**用说明** Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

靶标

功能 Docking protein which plays a central coordinating role for tyrosine kinase-based signaling

related to cell adhesion. Implicated in induction of cell migration. Overexpression confers

antiestrogen resistance on breast cancer cells.

组织特异性 Widely expressed with an abundant expression in the testis. Low level of expression seen in the

liver, thymus, and peripheral blood leukocytes. The protein has been detected in a B-cell line.

序列相似性 Belongs to the CAS family.

Contains 1 SH3 domain.

结构域 Contains a central domain (substrate domain) containing multiple potential SH2-binding sites and

a C-terminal domain containing a divergent helix-loop-helix (HLH) motif. The SH2-binding sites putatively bind CRK, NCK and ABL1 SH2 domains. The HLH motif is absolutely required for the induction of pseudohyphal growth in yeast and mediates heterodimerization with NEDD9.

A serine-rich region promotes activation of the serum response element (SRE).

The SH3 domain is necessary for the localization of the protein to focal adhesions and interacts

with one proline-rich region of PTK2/FAK11.

翻译后修饰 PTK2/FAK1 activation mediates phosphorylation at the YDYVHL motif; phosphorylation is most

likely catalyzed by SRC family members. SRC-family kinases are recruited to the phosphorylated sites and can phosphorylate other tyrosine residues. Tyrosine phosphorylation is triggered by

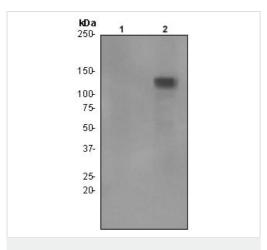
integrin-mediated adhesion of cells to the extracellular matrix.

Dephosphorylated by PTPN14 at Tyr-128.

细胞定位 Cell junction, focal adhesion. Cytoplasm. Unphosphorylated form localizes in the cytoplasm and

can move to the membrane upon tyrosine phosphorylation.

图片



Western blot - Anti-BCAR1 (phospho Y410) antibody [EPR1860] (ab92699)

**All lanes :** Anti-BCAR1 (phospho Y410) antibody [EPR1860] (ab92699) at 1/2500 dilution

Lane 1: HeLa cell lysate untreated

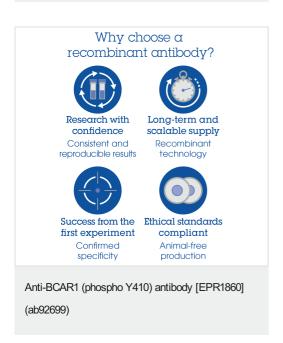
Lane 2: HeLa cell lysate treated with pervanadate

Lysates/proteins at 10 µg per lane.

#### Secondary

All lanes: HRP-labeled goat anti-rabbit at 1/2000 dilution

Predicted band size: 93 kDa



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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