

Product datasheet

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

重组 RabMAb

1 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, IP 不适用于: Flow Cyt, ICC 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
常规说明	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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

This product is a recombinant rabbit monoclonal antibody.

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	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR1860
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab92699** 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
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WB

IP

应用说明

IP: 1/50.
WB: 1/2500 - 1/5000. Predicted molecular weight: 93 kDa.

Is unsuitable for Flow Cyt, ICC or IHC-P.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

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.

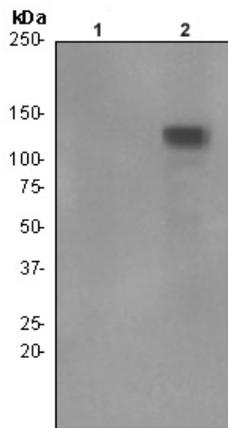
翻译后修饰

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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

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