abcam

Product datasheet

Anti-Annexin V/ANXA5 antibody [EPR3979] ab108321





重组 RabMAb

★★★★★ 4 Abreviews 4 References 4 图像

概述

产品名称 Anti-Annexin V/ANXA5抗体[EPR3979]

描述 兔单克隆抗体[EPR3979] to Annexin V/ANXA5

宿主 Rabbit

经测试应用 适用于: WB, IHC-P

不适用于: Flow Cyt or IP

种属反应性 与反应: Human

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

阳性对照 HeLa, JAR, and fetal kidney lysates; Human gastric tissue

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

- 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**.

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 (glycerin, glycerine), 9.85% Tris glycine, 50% PBS

纯度 Protein A purified

克隆 单克隆 克隆编号 **EPR3979**

同种型 ΙgG

The Abpromise guarantee

Abpromise™承诺保证使用ab108321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		1/1000 - 1/10000. Predicted molecular weight: 36 kDa.
IHC-P	★★★★ (3)	1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Perform antigen retrieval before commencing with IHC staining protocol

应用说明

Is unsuitable for Flow Cyt or IP.

靶标

功能 This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-

specific complex, which is involved in the blood coagulation cascade.

疾病相关 Pregnancy loss, recurrent, 3

序列相似性 Belongs to the annexin family.

Contains 4 annexin repeats.

结构域 The [IL]-x-C-x-x-[DE] motif is a proposed target motif for cysteine S-nitrosylation mediated by the

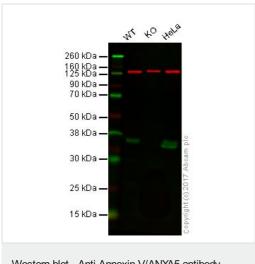
iNOS-S100A8/A9 transnitrosylase complex.

A pair of annexin repeats may form one binding site for calcium and phospholipid.

翻译后修饰 S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-densitity lipoprotein

(LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.

图片



Western blot - Anti-Annexin V/ANXA5 antibody [EPR3979] (ab108321)

Lane 1: Wild-type HAP1 whole cell lysate (20 µg)

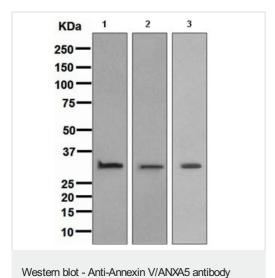
Lane 2: Annexin V/ANXA5 knockout HAP1 whole cell lysate (20 μg)

Lane 3: HeLa whole cell lysate (20 µg)

Lanes 1 - 3: Merged signal (red and green). Green - ab108321 observed at 35 kDa. Red - loading control, **ab18058**, observed at 130 kDa.

ab108321 was shown to specifically react with Annexin V/ANXA5 in wild-type cells as signal was lost in Annexin V/ANXA5 knockout cells. Wild-type and Annexin V/ANXA5 knockout samples were subjected to SDS-PAGE. Ab108321 and ab18058 (Mouse anti-Vinculin loading control) were incubated overnight at 4°C at 1/1000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed

ab216773 and Goat anti-Mouse IgG H&L (IRDye[®] 680RD)
 preabsorbed ab216776 secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.



All lanes : Anti-Annexin V/ANXA5 antibody [EPR3979] (ab108321) at 1/1000 dilution

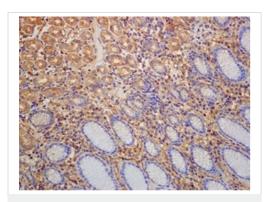
Lane 1 : HeLa cell lysate

Lane 2 : JAR cell lysate

Lane 3 : fetal kidney lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 36 kDa



[EPR3979] (ab108321)

Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-Annexin V/ANXA5 antibody [EPR3979] (ab108321)

Immunohistochemical analysis of Annexin V/ANXA5 in paraffin embedded Human gastric tissue, using ab108321 at a 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



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