

Product datasheet

Anti-PHLDA3 antibody ab22822

★★★★☆ 1 Abreviews 2 References 1 图像

概述

产品名称	Anti-PHLDA3抗体
描述	山羊多克隆抗体to PHLDA3
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat
免疫原	Synthetic peptide: RARQSLGTGLVS , corresponding to C terminal amino acids 115-127 of Human PHLDA3. Run BLAST with Run BLAST with

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline. pH 7.3
纯度	Immunogen affinity purified
纯化说明	ab22822 was purified by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab22822** 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	★★★★★	Use a concentration of 0.2 - 1 µg/ml. Detects a band of approximately 18 kDa (predicted molecular weight: 14 kDa).

靶标

功能

p53/TP53-regulated repressor of Akt/AKT1 signaling. Represses AKT1 by preventing AKT1-binding to membrane lipids, thereby inhibiting AKT1 translocation to the cellular membrane and activation. Contributes to p53/TP53-dependent apoptosis by repressing AKT1 activity. Its directs transcription regulation by p53/TP53 may explain how p53/TP53 can negatively regulate AKT1. May acts as a tumor suppressor.

组织特异性

Widely expressed with lowest expression in liver and spleen.

序列相似性

Belongs to the PHLDA3 family.
Contains 1 PH domain.

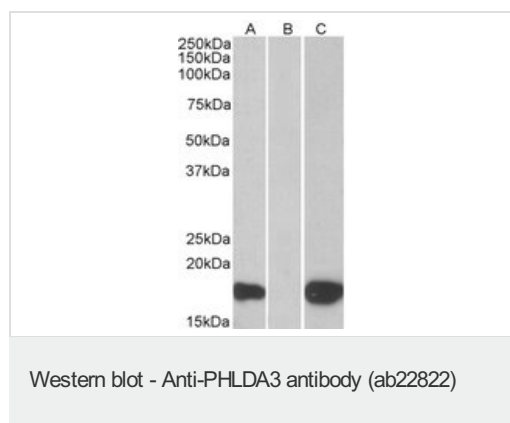
结构域

The PH domain binds phosphoinositides with a broad specificity. It competes with the PH domain of AKT1 and directly interferes with AKT1 binding to phosphatidylinositol 4,5-bisphosphate (PIP2) and phosphatidylinositol 3,4,5-triphosphate (PIP3), preventing AKT1 association to membrane lipids and subsequent activation of AKT1 signaling.

细胞定位

Cytoplasm. Membrane.

图片



Lanes 1-2 : Anti-PHLDA3 antibody (ab22822) at 1 µg/ml

Lane 3 : Anti-myc tag antibody at 1/1000 dilution

Lanes 1 & 3 : HEK293 lysate overexpressing Human PHLDA3 in RIPA buffer at 10 µg

Lane 2 : Mock-transfected HEK293

Developed using the ECL technique.

Predicted band size: 14 kDa

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