

### Anti-PHLDA3 antibody ab22822

★★★★★ [1 Abreviews](#) [4 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:  
RARQSLGTGTLVS  
, corresponding to C terminal amino acids 115-127 of Human PHLDA3.

 [Run BLAST with](#)

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#### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

#### 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** pH: 7.30  
Preservative: 0.02% Sodium azide  
Constituents: Tris buffered saline, 0.5% BSA

**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

### The Abpromise guarantee

**Abpromise™** 承诺保证使用ab22822于以下的经测试应用

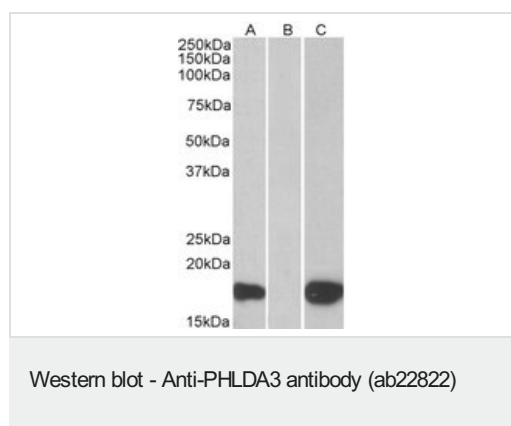
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	Use a concentration of 0.2 - 1 µg/ml. Detects a band of approximately 18 kDa (predicted molecular weight: 14 kDa). A 1 hour primary incubation is recommended for this product.

## 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

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

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  - We provide support in Chinese, English, French, German, Japanese and Spanish
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