

## Product datasheet

# Anti-PHLDA3 antibody ab104766

### 1 图像

#### 概述

产品名称	Anti-PHLDA3抗体
描述	兔多克隆抗体to PHLDA3
宿主	Rabbit
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, Rabbit, Guinea pig, Pig
免疫原	Synthetic peptide corresponding to a region within N terminal amino acids 38-87 (LQLFEAKGTG GRPKELSFAR IKAVECVEST GRHIYFTLVT EGGGEIDFRC) of Human PHLDA3 (NP_036528). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	293T cell lysate

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab104766** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

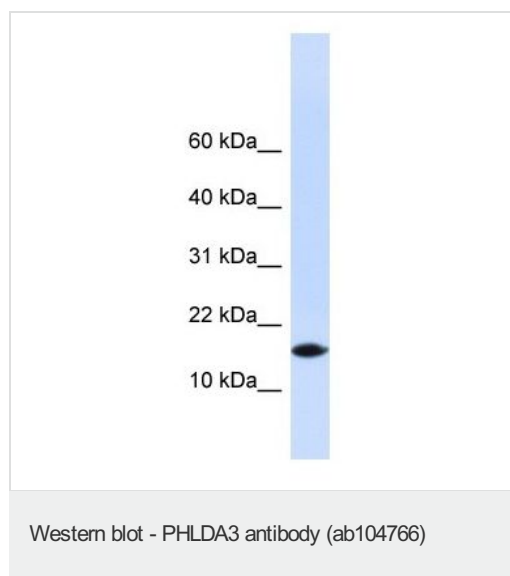
应用	Ab评论	说明

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 14 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	Widely expressed with lowest expression in liver and spleen.
<b>序列相似性</b>	Belongs to the PHLDA3 family. Contains 1 PH domain.
<b>结构域</b>	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.
<b>细胞定位</b>	Cytoplasm. Membrane.

## 图片



Anti-PHLDA3 antibody (ab104766) at 1 µg/ml  
+ 293T cell lysate at 10 µg

**Predicted band size:** 14 kDa

Gel concentration: 10-20%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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