






Anti-PHLDA3 antibody [4B6] ab81464

2 References [画像数 1](#)

製品の概要

製品名	Anti-PHLDA3 antibody [4B6]
製品の詳細	Mouse monoclonal [4B6] to PHLDA3
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide: MTAAATATVL KEGVLEKRSGLLLQLWKRKR C, corresponding to N terminal amino acids 1-31 of human PHLDA3  Run BLAST with   Run BLAST with 
ポジティブ・コントロール	MDA-MB-468 cells
特記事項	<p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 6 Constituents: 50% Glycerol (glycerin, glycerine), PBS
精製度	Ion Exchange Chromatography
特記事項 (精製)	The antibody was produced from the hybridoma cultured in serum free medium and purified under mild conditions by propriety chromatography processes. The antibody is filter sterilized.
ポリ/モノ	モノクローナル
クローン名	4B6
アイソタイプ	IgG2b

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab81464の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent dilution. Predicted molecular weight: 14 kDa.

ターゲット情報

機能

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 direct transcription regulation by p53/TP53 may explain how p53/TP53 can negatively regulate AKT1. May act as a tumor suppressor.

組織特異性

Widely expressed with lowest expression in liver and spleen.

配列類似性

Belongs to the PHLDA3 family.
Contains 1 PH domain.

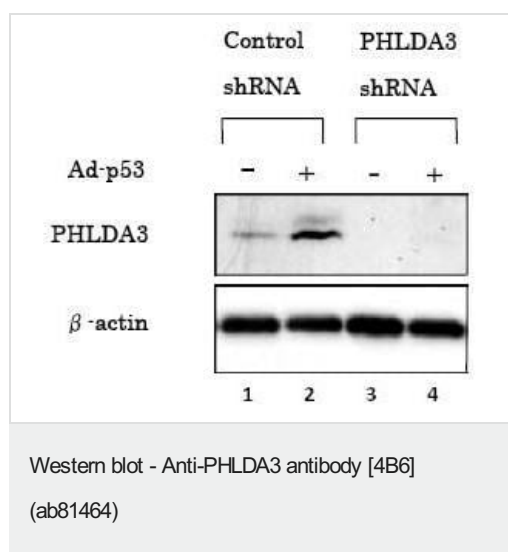
ドメイン

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.

細胞内局在

Cytoplasm. Membrane.

画像



Western blotting was performed using ab81464 to detect PHLDA3 protein expression. PHLDA3 protein was induced by Ad-p53 in MDA-MB-468 cells (left). PHLDA3 expression was inhibited by shRNA targeting PHLDA3 (right).

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