

Product datasheet

Anti-PFTK1 antibody ab67997

画像数 1

製品の概要

製品名	Anti-PFTK1 antibody
製品の詳細	Mouse polyclonal to PFTK1
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Full length PFTK1 protein (Human)
ポジティブ・コントロール	PFTK1 transfected 293T cell lysate

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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: 1X PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab67997** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 53 kDa (predicted molecular weight: 53 kDa).

ターゲット情報

機能	Serine/threonine-protein kinase involved in the control of the eukaryotic cell cycle, whose activity
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is controlled by an associated cyclin. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by mediating the phosphorylation of LRP6 at 'Ser-1490', leading to the activation of the Wnt signaling pathway. Acts as a regulator of cell cycle progression and cell proliferation via its interaction with CCDN3. Phosphorylates RB1 in vitro, however the relevance of such result remains to be confirmed in vivo. May also play a role in meiosis, neuron differentiation and may indirectly act as a negative regulator of insulin-responsive glucose transport.

組織特異性

Highly expressed in brain, pancreas, kidney, heart, testis and ovary. Also detected at lower levels in other tissues except in spleen and thymus where expression is barely detected.

配列類似性

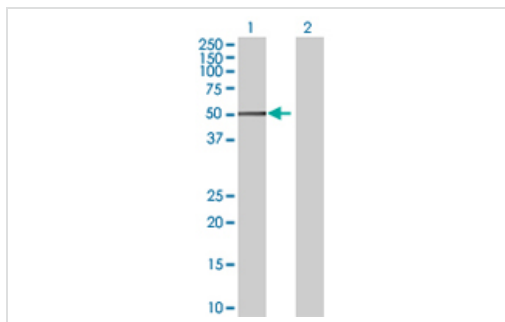
Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.

Contains 1 protein kinase domain.

細胞内局在

Cell membrane. Cytoplasm. Nucleus. Recruited to the cell membrane by CCNY.

画像



Western blot - PFTK1 antibody (ab67997)

All lanes : Anti-PFTK1 antibody (ab67997) at 1/500 dilution

Lane 1 : PFTK1 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size : 53 kDa

Observed band size : 53 kDa

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