

Product datasheet

Anti-PKC epsilon antibody ab4140

製品の概要

製品名	Anti-PKC epsilon antibody
製品の詳細	Rabbit polyclonal to PKC epsilon
アプリケーション	適用あり: ELISA, ICC, IHC-Fr, WB
種交差性	交差種: Rat 交差が予測される動物種: Mammal
免疫原	Synthetic peptide corresponding to a distinct C terminal region from rat Protein Kinase C epsilon. Sequence: 726 - 737 KGFSYFGEDLMP Run BLAST with Run BLAST with

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium Azide
精製度	Whole antiserum
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 **ab4140** 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
ELISA		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.

アプリケーション	Abreviews	特記事項
IHC-Fr		1/250.
WB		1/250. Predicted molecular weight: 88 kDa.

ターゲット情報

機能	This is calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters.
配列類似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. PKC subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 C2 domain. Contains 2 phorbol-ester/DAG-type zinc fingers. Contains 1 protein kinase domain.
ドメイン	The C1 domain, containing the phorbol ester/DAG-type region 1 (C1A) and 2 (C1B), is the diacylglycerol sensor and the C2 domain is a non-calcium binding domain.
翻訳後修飾	Phosphorylation on Thr-566 by PDPK1 triggers autophosphorylation on Ser-729.

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