

### Anti-PKD2 antibody ab7281

★★★★★ [3 Abreviews](#) [4 References](#)

#### 概述

产品名称	Anti-PKD2抗体
描述	兔多克隆抗体to PKD2
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P, IP, WB
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide corresponding to Human PKD2 aa 849-864.
常规说明	<p>This antibody recognizes human protein kinase D2 (PKD2), a serine threonine protein kinase. PKD2 is widely expressed in human and murine tissues and exhibits strong homology to the serine threonine protein kinases PKD/PKCmicro and PKCnu. In contrast, it has a low degree of sequence homology to other members of the PKC family. PKD2 is activated by phorbol esters and a variety of growth factors.</p> <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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	<p>pH: 7.4</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p>
纯度	Immunogen affinity purified
Primary antibody说明	<p>This antibody recognizes human protein kinase D2 (PKD2), a serine threonine protein kinase. PKD2 is widely expressed in human and murine tissues and exhibits strong homology to the serine threonine protein kinases PKD/PKCmicro and PKCnu. In contrast, it has a low degree of</p>

sequence homology to other members of the PKC family. PKD2 is activated by phorbol esters and a variety of growth factors.

克隆 多克隆  
同种型 IgG

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用ab7281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
ICC/IF		Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB	★★★★★ (2)	Use at an assay dependent concentration.

## 靶标

**功能** Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress.

**组织特异性** Widely expressed.

**序列相似性** Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. PKD subfamily. Contains 1 PH domain. Contains 2 phorbol-ester/DAG-type zinc fingers. Contains 1 protein kinase domain.

**翻译后修饰** Phosphorylation of Ser-876 correlates with the activation status of the kinase. Ser-706 is probably phosphorylated by PKC.

**细胞定位** Cytoplasm. Membrane. Translocation to the cell membrane is required for kinase activation.

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

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