


Anti-PTPRK antibody ab13225

2 References **1 图像**

概述

产品名称	Anti-PTPRK抗体
描述	兔多克隆抗体to PTPRK
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 
免疫原	Synthetic peptide corresponding to Human PTPRK aa 900-1000 (internal sequence) conjugated to keyhole limpet haemocyanin. (Peptide available as ab13232)
阳性对照	This antibody gave a positive result in PTP beta (PTPRB) and PTPRK recombinant protein domains
常规说明	<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>

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	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab13225于以下的经测试应用

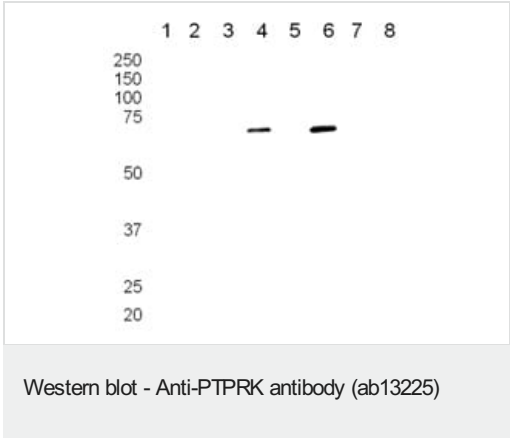
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 65 kDa (predicted molecular weight: 50-70 kDa).

靶标

功能	Regulation of processes involving cell contact and adhesion such as growth control, tumor invasion, and metastasis. Forms complexes with beta-catenin and gamma-catenin/plakoglobin. Beta-catenin may be a substrate for the catalytic activity of PTP-kappa.
组织特异性	High levels in lung, brain and colon; less in liver, pancreas, stomach, kidney, placenta and mammary carcinoma.
序列相似性	Belongs to the protein-tyrosine phosphatase family. Receptor class 2B subfamily. Contains 4 fibronectin type-III domains. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 MAM domain. Contains 2 tyrosine-protein phosphatase domains.
翻译后修饰	This protein undergoes proteolytic processing.
细胞定位	Cell junction > adherens junction. Cell membrane.

图片



All lanes : Anti-PTPRK antibody (ab13225) at 1 µg/ml

- Lane 1 :** 0.1µg GLEPP1 (PTPRO) protein
- Lane 2 :** 0.1µg SAP 1 (PTPRH) protein
- Lane 3 :** 0.1µg PTP gamma (PTPRG) protein
- Lane 4 :** 0.1µg PTP beta (PTPRB) protein
- Lane 5 :** 0.1µg DEP1 (PTPRJ) protein
- Lane 6 :** 0.1µg PTP kappa (PTPRK) protein
- Lane 7 :** 0.1µg PCPTP1 (PTPRR) protein
- Lane 8 :** 0.1µg LAR (PTPRF) protein

Performed under reducing conditions.

Predicted band size: 50-70 kDa

Observed band size: 65 kDa

Recombinant PTP phosphatase domains (0.1 µg of protein) were probed with ab13225 at 1/1000. The antibody recognises the recombinant PTPRK fusion protein at ~65 kDa. Ladder sizes are in kilodaltons.

Lane #	Recombinant Protein
1	GLEPP1 (PTP RO)
2	SAP 1 (PTP RH)
3	PTP gamma (PTP RG)
4	PTP beta (PTP B)
5	

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

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