


Anti-POLDIP2 antibody [EPR13832] ab181841

敲除验证
重组
RabMAb

★★★★★
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概述

产品名称	Anti-POLDIP2抗体[EPR13832]
描述	兔单克隆抗体[EPR13832] to POLDIP2
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HeLa and HepG2 cell lysates. Flow Cyt (intra): HeLa cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	<p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR13832
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab181841于以下的经测试应用

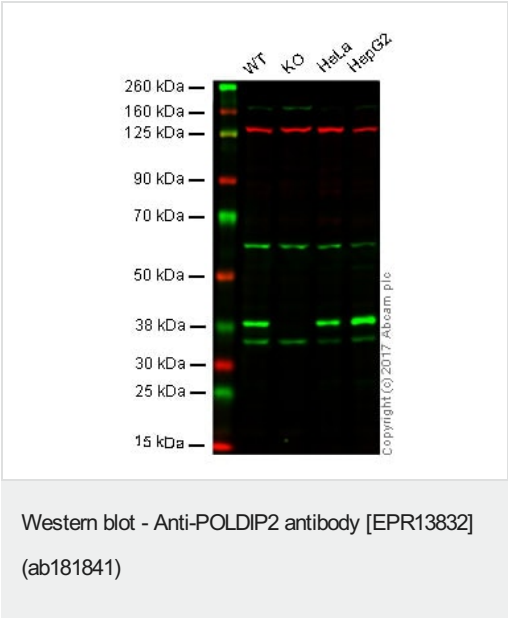
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/350. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 37 kDa (predicted molecular weight: 42 kDa).
IP		1/40.

靶标

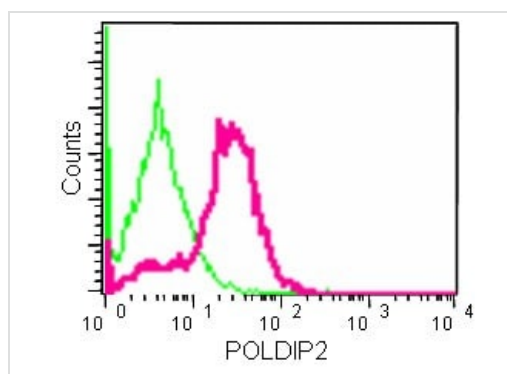
序列相似性	Contains 1 apaG domain.
细胞定位	Nucleus.

图片



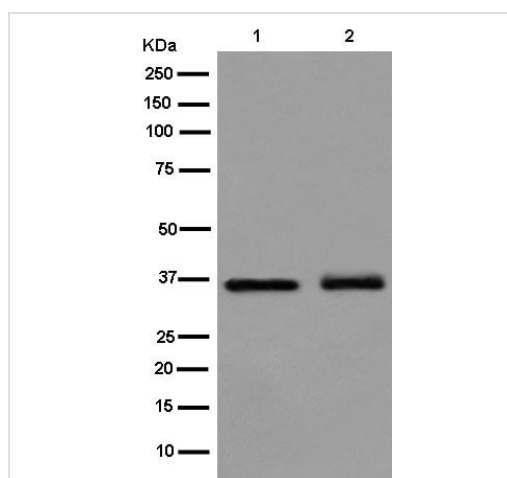
Lane 1: Wild-type HAP1 whole cell lysate (20 µg)
Lane 2: POLDIP2 knockout HAP1 whole cell lysate (20 µg)
Lane 3: HeLa whole cell lysate (20 µg)
Lane 4: HepG2 whole cell lysate (20 µg)
Lanes 1 - 4: Merged signal (red and green). Green - ab181841 observed at 38 kDa. Red - loading control, **ab18058**, observed at 130 kDa.

ab181841 was shown to specifically recognize POLDIP2 in wild-type HAP1 cells along with additional cross-reactive bands. No band was observed when POLDIP2 knockout samples were examined. Wild-type and POLDIP2 knockout samples were subjected to SDS-PAGE. ab181841 and **ab18058** (Mouse anti Vinculin loading control) were incubated overnight at 4°C at 1/1,000 dilution and 1/20,000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed (**ab216776**) secondary antibodies at 1/20,000 dilution for 1 hour at room temperature before imaging.



Flow Cytometry (Intracellular) - Anti-POLDIP2 antibody [EPR13832] (ab181841)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed HeLa cells labeling POLDIP2 with ab181841 at 1/350 dilution (red) compared to a Rabbit monoclonal IgG Isotype control (green), followed by Goat anti rabbit IgG (FITC) secondary antibody at 1/150 dilution.



Western blot - Anti-POLDIP2 antibody [EPR13832] (ab181841)

All lanes : Anti-POLDIP2 antibody [EPR13832] (ab181841) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

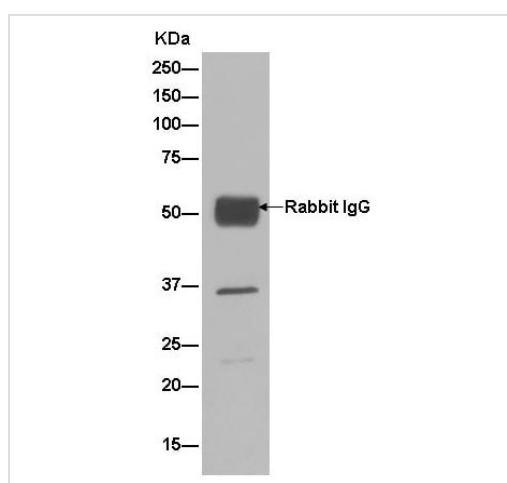
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 42 kDa

Observed band size: 37 kDa



Immunoprecipitation - Anti-POLDIP2 antibody [EPR13832] (ab181841)

Western blot analysis of HeLa cell lysate immunoprecipitated with ab181841 at 1/40 dilution. Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate secondary antibody used at 1/1000 dilution.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-POLDIP2 antibody [EPR13832] (ab181841)

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