


Anti-Peroxiredoxin 6 antibody [EPR3755] ab92322

敲除验证 重组 RabMAb

2 References 4 图像

概述	
产品名称	Anti-Peroxiredoxin 6抗体[EPR3755]
描述	兔单克隆抗体[EPR3755] to Peroxiredoxin 6
宿主	Rabbit
经测试应用	适用于: IP, WB 不适用于: Flow Cyt or ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide within Human Peroxiredoxin 6 aa 200-300. The exact sequence is proprietary.
阳性对照	HeLa, MCF7, HepG2, HAP1 and A549 cell lysates, Human brain tissue
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 -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR3755

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab92322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。

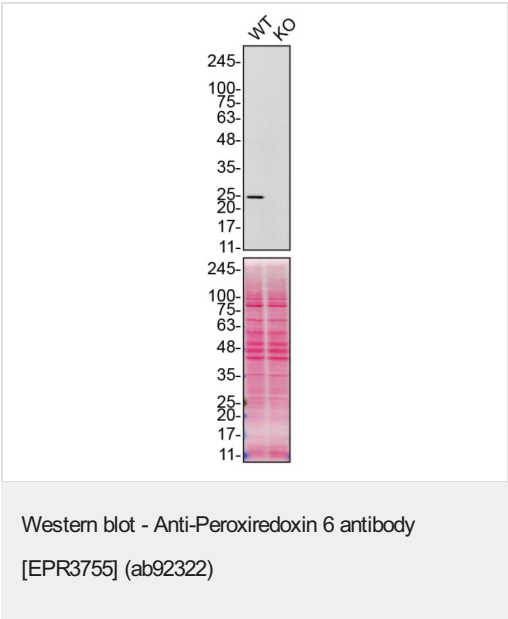
应用	Ab评论	说明
IP		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 25 kDa.

应用说明Is unsuitable for Flow Cyt or ICC/IF.

靶标

功能	Involved in redox regulation of the cell. Can reduce H ₂ O ₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. May play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.
序列相似性	Belongs to the ahpC/TSA family. Rehydrin subfamily. Contains 1 thioredoxin domain.
细胞定位	Cytoplasm. Lysosome. Cytoplasmic vesicle. Also found in lung secretory organelles.

图片



All lanes : Anti-Peroxiredoxin 6 antibody [EPR3755] (ab92322) at 1/1000 dilution

Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : PRDX6 knockout HAP1 cell lysate

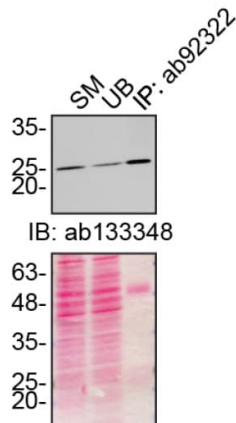
Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

Predicted band size: 25 kDa

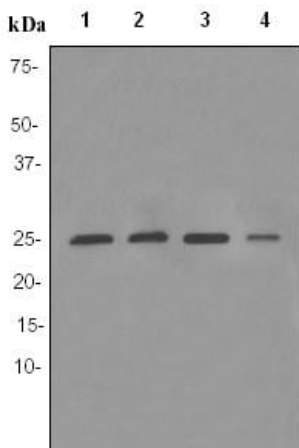
ab92322 was shown to react with PRDX6 in wild-type HAP1 cells in Western blot with loss of signal observed in a PRDX6 knockout cell line. Wild-type HAP1 and PRDX6 knockout cell lysates were subjected to SDS-PAGE. Membranes were blocked in 5% milk in

TBST for 1 hr before incubation with ab92322 overnight at 4 °C at a 1/1000 dilution. Blots were incubated with goat anti-rabbit HRP secondary antibodies at 0.2ug/mL before imaging. These data were provided by YCharOS Inc., an open science company with the mission of characterizing commercially available antibody reagents for all human proteins. Abcam and YCharOS are working together to help address the reproducibility crisis by enabling the life science community to better evaluate commercially available antibodies.



Immunoprecipitation - Anti-Peroxiredoxin 6 antibody [EPR3755] (ab92322)

Immunoprecipitation of PRDX6 in HAP1 cells. Lysates were prepared and immunoprecipitation was performed using 2.0µg of ab92322 pre-coupled to prot.A-Sepharose beads. Samples were washed and processed for western blot with **ab133348** at 1/1000. SM=10% starting material; UB=10% unbound fraction; IP=immunoprecipitate. These data were provided by YCharOS Inc., an open science company with the mission of characterizing commercially available antibody reagents for all human proteins. Abcam and YCharOS are working together to help address the reproducibility crisis by enabling the life science community to better evaluate commercially available antibodies.



Western blot - Anti-Peroxiredoxin 6 antibody [EPR3755] (ab92322)

All lanes : Anti-Peroxiredoxin 6 antibody [EPR3755] (ab92322) at 1/500 dilution

Lane 1 : HeLa cell lysate
Lane 2 : MCF7 cell lysate
Lane 3 : HepG2 cell lysate
Lane 4 : A549 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit IgG at 1/2000 dilution

Predicted band size: 25 kDa

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-Peroxiredoxin 6 antibody [EPR3755] (ab92322)

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

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