

Anti-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] ab129106

敲除验证
重组
RabMAb

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概述

产品名称	Anti-glutathione S transferase Omega 1/p28抗体[EPR8370(B)]
描述	兔单克隆抗体[EPR8370(B)] to glutathione S transferase Omega 1/p28
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt or IP
种属反应性	与反应: Human 预测可用于: Rat 
免疫原	Synthetic peptide within Human glutathione S transferase Omega 1/p28 aa 50-150. The exact sequence is proprietary.
阳性对照	WB: Human fetal liver, HEK293T, Jurkat, BxPC3, HepG2 and HeLa lysates. IHC-P: Human colon 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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</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

纯度	Protein A purified
克隆	单克隆
克隆编号	EPR8370(B)
同种型	IgG

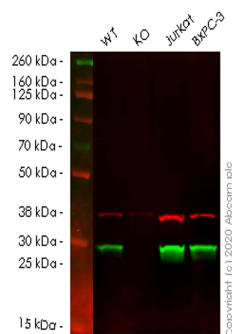
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 31 kDa (predicted molecular weight: 28 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

靶标

序列相似性	<p>Belongs to the GST superfamily. Omega family.</p> <p>Contains 1 GST C-terminal domain.</p> <p>Contains 1 GST N-terminal domain.</p>
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图片



Western blot - Anti-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] (ab129106)

All lanes : Anti-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] (ab129106) at 1/1000 dilution

Lane 1 : Wild-type HEK293T cell lysate

Lane 2 : GSTO1 knockout HEK293T cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : BxPC-3 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

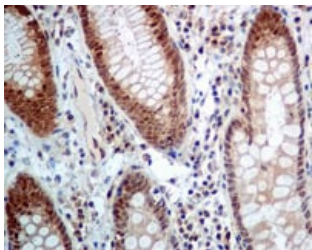
All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

Predicted band size: 28 kDa

Observed band size: 28 kDa

Lanes 1-4: Merged signal (red and green). Green - ab129106 observed at 28 kDa. Red - loading control [ab8245](#) observed at 36 kDa.

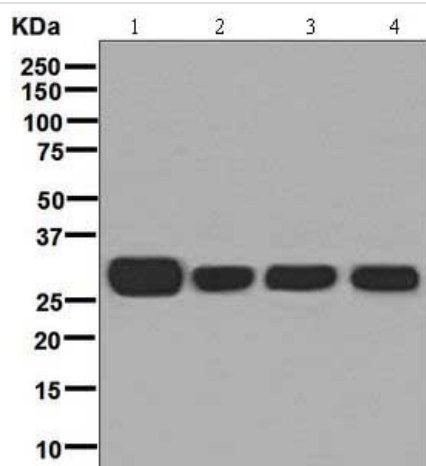
ab129106 Anti-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] was shown to specifically react with glutathione S transferase Omega 1/p28 in wild-type HEK293T cells. Loss of signal was observed when knockout cell line [ab266277](#) (knockout cell lysate [ab257982](#)) was used. Wild-type and glutathione S transferase Omega 1/p28 knockout samples were subjected to SDS-PAGE. ab129106 and Anti-GAPDH antibody [6C5] - Loading Control ([ab8245](#)) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] (ab129106)

ab129106, at 1/100 dilution, staining glutathione S transferase Omega 1/p28 in Paraffin-embedded Human colon tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] (ab129106)

All lanes : Anti-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] (ab129106) at 1/1000 dilution

Lane 1 : Human fetal liver lysate

Lane 2 : BxPC3 lysate

Lane 3 : HepG2 lysate

Lane 4 : HeLa lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 28 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-glutathione S transferase Omega 1/p28 antibody [EPR8370(B)] (ab129106)

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

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