


Anti-Glutathione Peroxidase 2/GPX2 antibody ab137431

[14 References](#) [4 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-Glutathione Peroxidase 2/GPX2抗体 |
| 描述 | 兔多克隆抗体to Glutathione Peroxidase 2/GPX2 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, IHC-P, IP |
| 种属反应性 | 与反应: Mouse, Human 预测可用于: Rat, Cow, Dog, Pig, Monkey  |
| 免疫原 | Synthetic peptide corresponding to Human Glutathione Peroxidase 2/GPX2 aa 126-190. |
| 阳性对照 | Recombinant Human Glutathione Peroxidase 2/GPX2 protein (ab116151) can be used as a positive control in WB. HepG2 whole cell lysate; Human gastric carcinoma and Mouse muscle tissues. |
| 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. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| 存储溶液 | pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine) |
| 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 ab137431 于以下的经测试应用

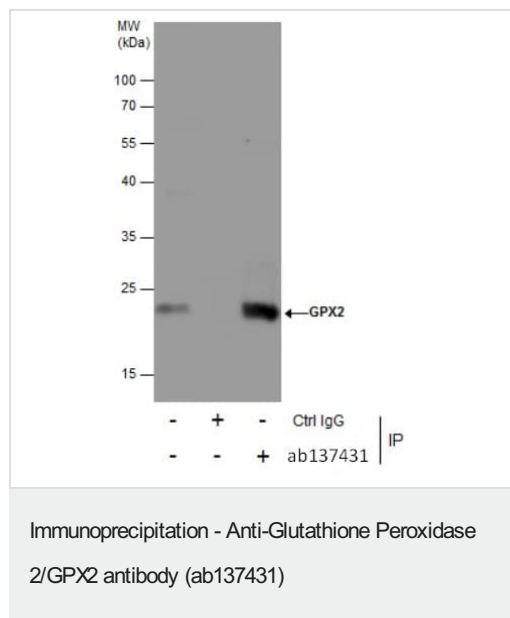
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|------|--|
| WB | | 1/500 - 1/3000. Predicted molecular weight: 22 kDa. |
| IHC-P | | 1/100 - 1/1000. Suggested antigen retrieval using heat mediated 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0). |
| IP | | Use a concentration of 5 µg/ml. |

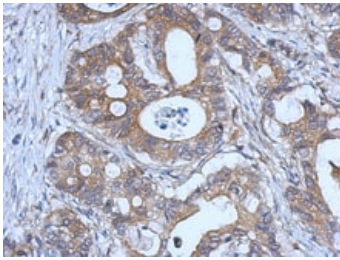
靶标

| | |
|--------------|--|
| 功能 | Could play a major role in protecting mammals from the toxicity of ingested organic hydroperoxides. Tert-butyl hydroperoxide, cumene hydroperoxide and linoleic acid hydroperoxide but not phosphatidycholine hydroperoxide, can act as acceptors. |
| 组织特异性 | Mostly in liver and gastrointestinal tract, not found in heart or kidney. |
| 序列相似性 | Belongs to the glutathione peroxidase family. |
| 细胞定位 | Cytoplasm. Mainly cytoplasmic. |

图片

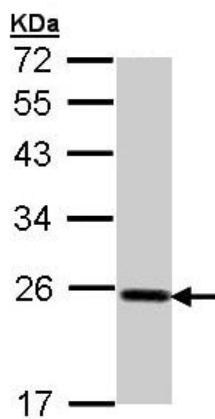


Immunoprecipitation of Glutathione Peroxidase 2/GPX2 protein from HepG2 whole cell extracts using 5 µg of ab137431. Western blot analysis was performed using ab137431.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glutathione Peroxidase 2/GPX2 antibody (ab137431)

Immunohistochemical analysis of paraffin-embedded Human gastric carcinoma tissue labelling Glutathione Peroxidase 2/GPX2 with ab137431 at 1/500 dilution.

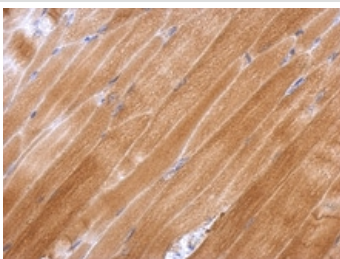


Western blot - Anti-Glutathione Peroxidase 2/GPX2 antibody (ab137431)

Anti-Glutathione Peroxidase 2/GPX2 antibody (ab137431) at 1/1000 dilution + HepG2 whole cell lysate at 30 μ g

Predicted band size: 22 kDa

12% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glutathione Peroxidase 2/GPX2 antibody (ab137431)

Immunohistochemical analysis of paraffin-embedded Mouse muscle tissue labelling Glutathione Peroxidase 2/GPX2 with ab137431 at 1/500 dilution.

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