


Anti-BHMT antibody ab96415

★★★★★ [2 Abreviews](#) [5 References](#) [3 图像](#)

概述

| | |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品名称 | Anti-BHMT抗体 |
| 描述 | 兔多克隆抗体to BHMT |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, IHC-P |
| 种属反应性 | 与反应: Mouse, Rat, Human 预测可用于: Cow  |
| 免疫原 | Recombinant fragment, corresponding to a region within the internal sequence amino acids 199-393 of Human BHMT. |
| 阳性对照 | WB: HepG2 whole cell lysate (ab7900); Mouse liver, lung and heart tissue lysates SG xenograft (IHC) |
| 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 | <p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p> |
| 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ab96415于以下的经测试应用

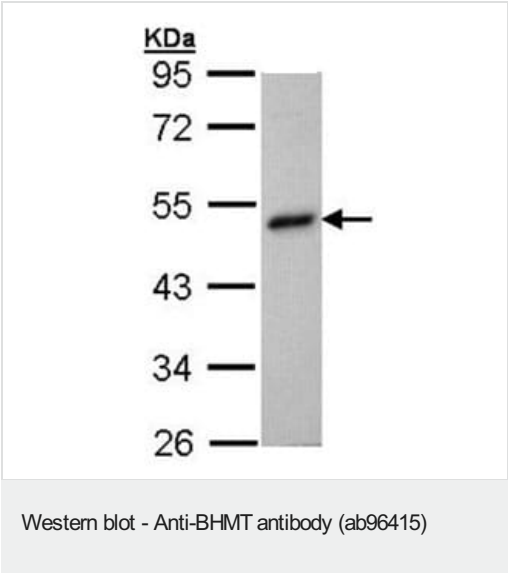
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|-----------|------------------------------------------------------------------------------|
| WB | ★★★★★ (2) | 1/500 - 1/3000. Predicted molecular weight: 45 kDa. |
| IHC-P | | 1/100 - 1/500. Antigen retrieval is not essential but may optimise staining. |

靶标

| | |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 功能 | Involved in the regulation of homocysteine metabolism. Converts betaine and homocysteine to dimethylglycine and methionine, respectively. This reaction is also required for the irreversible oxidation of choline. |
| 组织特异性 | Found exclusively in liver and kidney. |
| 通路 | Amine and polyamine degradation; betaine degradation; sarcosine from betaine: step 1/2. Amino-acid biosynthesis; L-methionine biosynthesis via de novo pathway; L-methionine from L-homocysteine (BhmT route): step 1/1. |
| 序列相似性 | Contains 1 Hcy-binding domain. |
| 细胞定位 | Cytoplasm. |

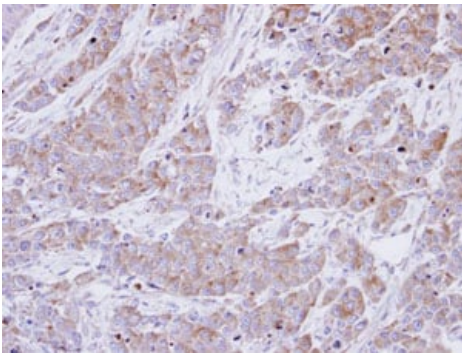
图片



Anti-BHMT antibody (ab96415) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

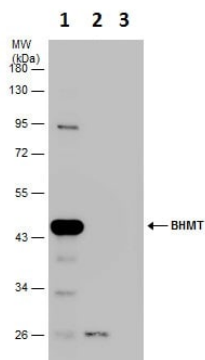
Predicted band size: 45 kDa

10% SDS PAGE



Immunohistochemical analysis of paraffin-embedded human SG xenograft, using ab96415 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BHMT antibody (ab96415)



All lanes : Anti-BHMT antibody (ab96415) at 1/1000 dilution

Lane 1 : Mouse liver tissue lysate

Lane 2 : Mouse lung tissue lysate

Lane 3 : Mouse heart tissue lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 45 kDa

Western blot - Anti-BHMT antibody (ab96415)

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

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