

## Product datasheet

# Anti-BHMT antibody ab96415

★★★★★ 2 Abreviews 2 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	HepG2 cell lysate SG xenograft (IHC)

### 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	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 1.21% Tris, 0.75% Glycine
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab96415** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

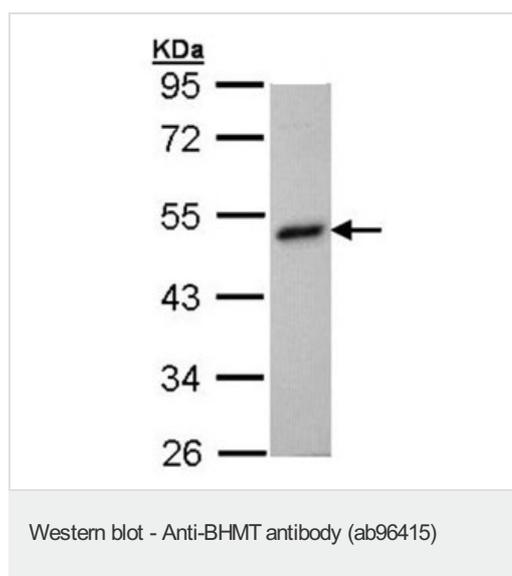
应用	Ab评论	说明
WB	★★★★★	1/500 - 1/3000. Predicted molecular weight: 45 kDa.

应用	Ab评论	说明
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.

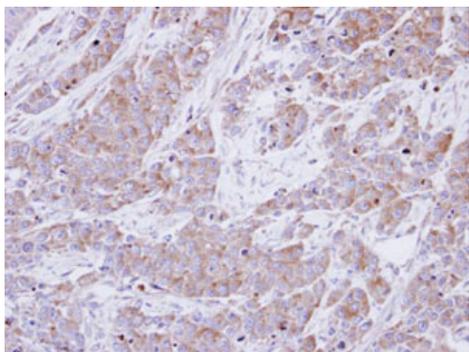
## 图片



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

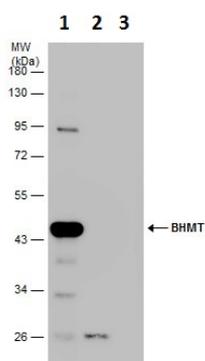
**Predicted band size:** 45 kDa

10% SDS PAGE



Immunohistochemical analysis of paraffin-embedded 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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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