

Product datasheet

Anti-BHMT antibody [EPR6782] ab124992

重组 RabMAb

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概述

产品名称	Anti-BHMT抗体[EPR6782]
描述	兔单克隆抗体[EPR6782] to BHMT
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide, corresponding to residues near the C terminus of Human BHMT.
阳性对照	Human fetal liver and fetal kidney lysates; Human kidney and liver tissue.
常规说明	<p>This product is a recombinant rabbit monoclonal antibody.</p> <p>Produced using Abcam's RabMAb[®] technology. RabMAb[®] technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these 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.
解离常数 (K_D)	

$$K_D = 2.25 \times 10^{-11} \text{ M}^A$$

[Learn more about K_D](#)

存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 49% PBS, 50% Glycerol, 0.05% BSA</p>
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR6782
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab124992** in the following tested applications.

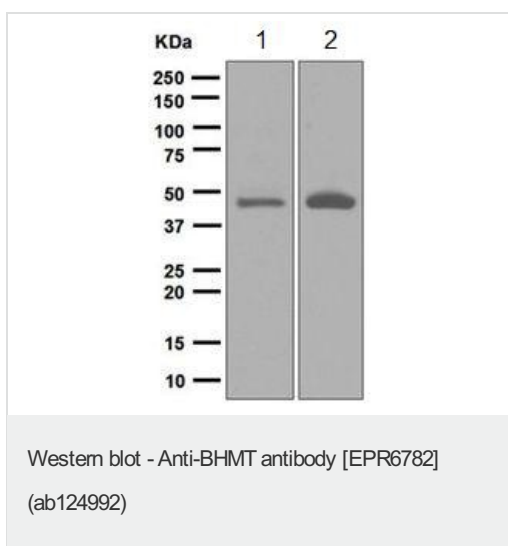
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab 评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).
IP		1/10 - 1/100.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.

靶标

功能	Involves 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.

Anti-BHMT antibody [EPR6782] 图像



All lanes : Anti-BHMT antibody [EPR6782]

(ab124992) at 1/1000 dilution

Lane 1 : Human fetal liver lysate

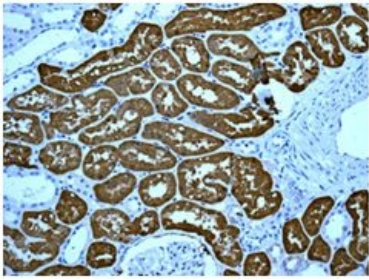
Lane 2 : Human fetal kidney lysate

Lysates/proteins at 10 µg per lane.

Secondary

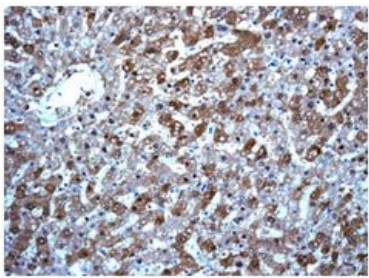
Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size : 45 kDa



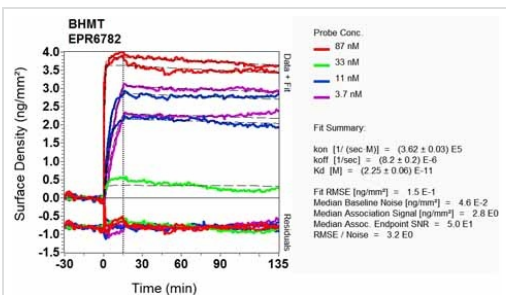
ab124992 at 1/250 dilution staining BHMT in paraffin-embedded Human kidney tissues by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BHMT antibody [EPR6782] (ab124992)



ab124992 at 1/250 dilution staining BHMT in paraffin-embedded Human liver tissues by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BHMT antibody [EPR6782] (ab124992)



Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Other-Anti-BHMT antibody [EPR6782](ab124992)

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