

Anti-BHMT antibody [EPR6782] - BSA and Azide free ab248086

リコンビナント **RabMAb**

画像数 5

製品の概要

製品名	Anti-BHMT antibody [EPR6782] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR6782] to BHMT - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248086 is the carrier-free version of ab124992.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

製品の特性

製品の状態

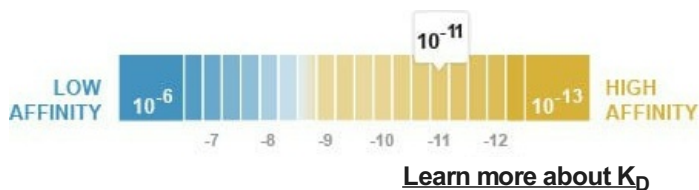
Liquid

保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

解離定数 (K_D 値)

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



バッファー

pH: 7.2

Constituent: PBS

キャリア・フリー

はい

精製度

Protein A purified

ポリ/モノ

モノクローナル

クローン名

EPR6782

アイソタイプ

IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab248086の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For antigen retrieval, heat up to 98 degree C, below boiling, and then let cool for 10-20 minutes.

ターゲット情報

機能

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.

組織特異性

Found exclusively in liver and kidney.

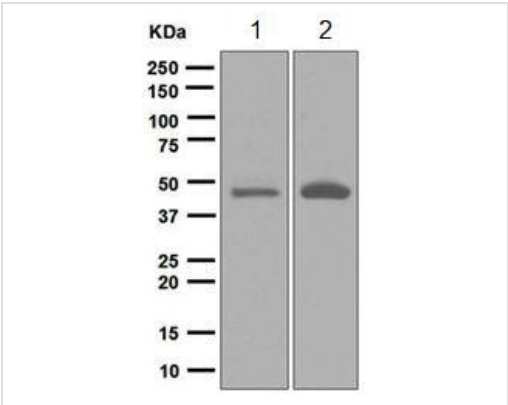
パスウェイ

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.

配列類似性

Contains 1 Hcy-binding domain.

画像



Western blot - Anti-BHMT antibody [EPR6782] - BSA and Azide free (ab248086)

All lanes : Anti-BHMT antibody [EPR6782] ([ab124992](#)) at 1/1000 dilution

Lane 1 : Human fetal liver tissue lysate

Lane 2 : Human fetal kidney tissue lysate

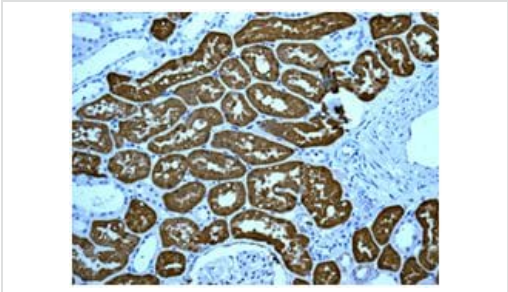
Lysates/proteins at 10 µg per lane.

Secondary

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

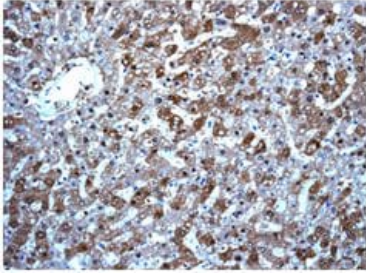
Predicted band size: 45 kDa

This data was developed using [ab124992](#), the same antibody clone in a different buffer formulation.



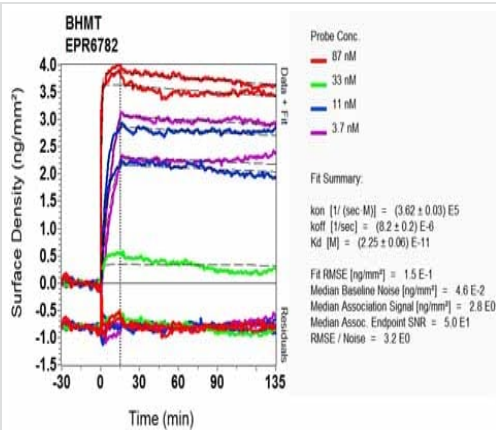
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BHMT antibody [EPR6782] - BSA and Azide free (ab248086)

This data was developed using [ab124992](#), the same antibody clone in a different buffer formulation.[ab124992](#) at 1/250 dilution staining BHMT in paraffin-embedded Human kidney tissues by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BHMT antibody [EPR6782] - BSA and Azide free (ab248086)

This data was developed using [ab124992](#), the same antibody clone in a different buffer formulation. [ab124992](#) at 1/250 dilution staining BHMT in paraffin-embedded Human liver tissues by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



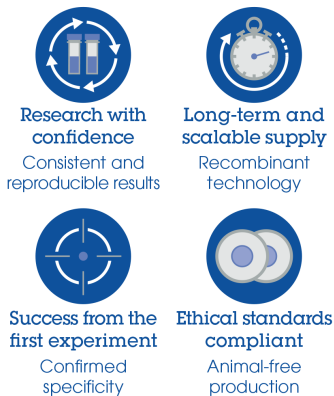
OR-D Scanning - Anti-BHMT antibody [EPR6782] - BSA and Azide free (ab248086)

This data was developed using [ab124992](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant (K_D)

Learn more about K_D

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

Why choose a recombinant antibody?



Anti-BHMT antibody [EPR6782] - BSA and Azide free (ab248086)

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

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