


Anti-GAMT antibody [EPR6925] - BSA and Azide free ab248155

リコンビナント RabMAb

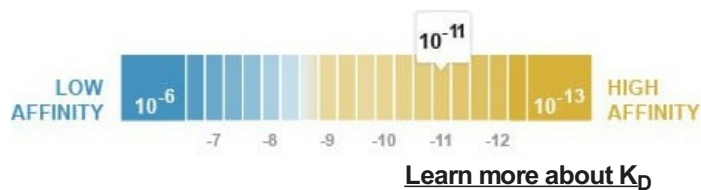
画像数 4

製品の概要

製品名	Anti-GAMT antibody [EPR6925] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR6925] to GAMT - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB 適用なし: Flow Cyt, ICC/IF or IP
種交差性	交差種: Human 交差が予測される動物種: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248155 is the carrier-free version of ab126736.</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>

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 = 7.40 x 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	EPR6925
アイソタイプ	IgG

アプリケーション

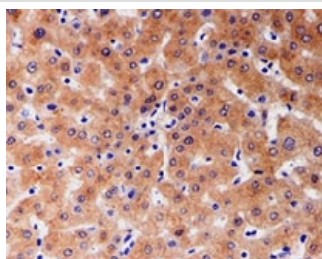
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab248155の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa).

追加情報 Is unsuitable for Flow Cyt, ICC/IF or IP.

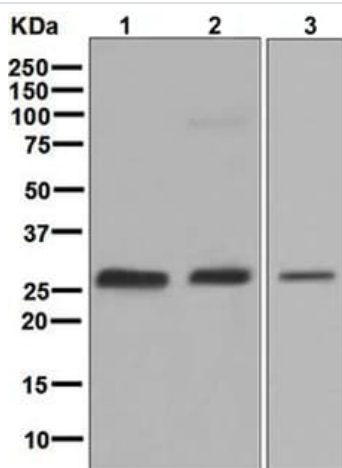
ターゲット情報

組織特異性	Expressed in liver.
パスウェイ	Amine and polyamine biosynthesis; creatine biosynthesis; creatine from L-arginine and glycine: step 2/2.
関連疾患	Defects in GAMT are the cause of guanidinoacetate methyltransferase deficiency (GAMT deficiency) [MIM:612736]. GAMT deficiency is an autosomal recessive disorder characterized by developmental delay/regression, mental retardation, severe disturbance of expressive and cognitive speech, intractable seizures and movement disturbances, severe depletion of creatine/phosphocreatine in the brain, and accumulation of guanidinoacetic acid (GAA) in brain and body fluids.
配列類似性	Belongs to the RMT2 methyltransferase family.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GAMT antibody [EPR6925] - BSA and Azide free (ab248155)

This data was developed using **ab126736**, the same antibody clone in a different buffer formulation. **ab126736** at 1/100 dilution, staining GAMT in Formalin-fixed, Paraffin-embedded Human liver tissue by Immunohistochemistry. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-GAMT antibody [EPR6925] - BSA and Azide free (ab248155)

All lanes : Anti-GAMT antibody [EPR6925] (**ab126736**) at 1/1000 dilution

Lane 1 : Human fetal liver Lysate

Lane 2 : HepG2 lysate

Lane 3 : SH-SY5Y lysate

Lysates/proteins at 10 µg per lane.

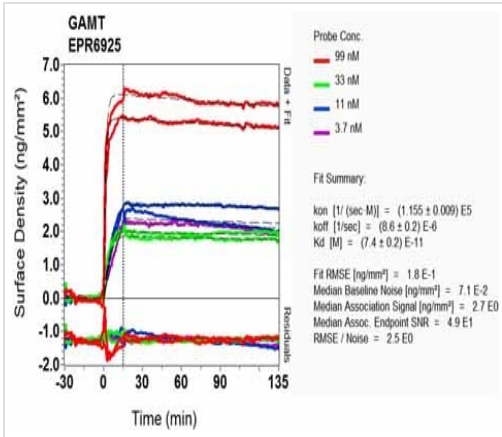
Secondary

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

Developed using the ECL technique.

Predicted band size: 26 kDa

This data was developed using **ab126736**, the same antibody clone in a different buffer formulation.




OI-RD Scanning - Anti-GAMT antibody [EPR6925] - BSA and Azide free (ab248155)

This data was developed using **ab126736**, 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?




Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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