


Anti-KMT2B / MLL4 antibody ab104444

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製品の概要

製品名	Anti-KMT2B / MLL4 antibody
製品の詳細	Goat polyclonal to KMT2B / MLL4
由来種	Goat
アプリケーション	適用あり: ELISA, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Cow, Pig, Monkey, Zebrafish, Gorilla, Common marmoset 

免疫原	Synthetic peptide corresponding to Human KMT2B/ MLL4 aa 2703-2715 (C terminal). Entrez gene ID: 9757 Sequence: CNCGAKRCRRFLN
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Database link: [Q9UMN6](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

ポジティブ・コントロール	IHC-P: Human brain cortex and testis tissue.
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特記事項	<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>
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製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA

精製度	Protein G purified
特記事項(精製)	Immunoaffinity purified
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

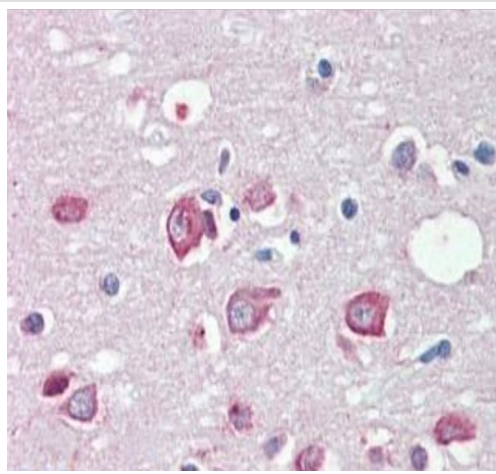
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab104444の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

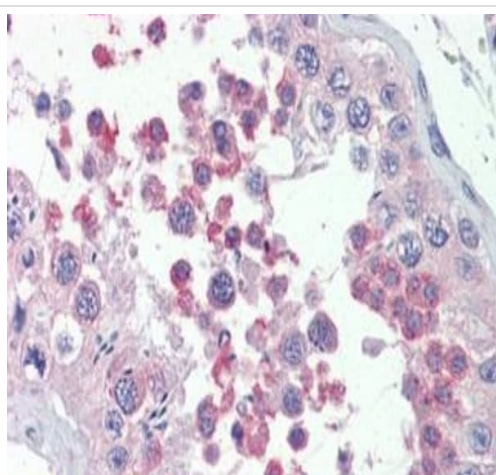
機能	Histone methyltransferase. Methylates 'Lys-4' of histone H3. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation. Plays a central role in beta-globin locus transcription regulation by being recruited by NFE2. Plays an important role in controlling bulk H3K4me during oocyte growth and preimplantation development. Required during the transcriptionally active period of oocyte growth for the establishment and/or maintenance of bulk H3K4 trimethylation (H3K4me3), global transcriptional silencing that preceeds resumption of meiosis, oocyte survival and normal zygotic genome activation.
組織特異性	Widely expressed. Highest levels in testis. Also found in brain, bone marrow, heart, muscle, kidney, placenta, spleen, thymus, prostate, ovary, intestine, colon, peripheral blood lymphocytes and pancreas. Often amplified in pancreatic carcinomas.
配列類似性	Belongs to the class V-like SAM-binding methyltransferase superfamily. Histone-lysine methyltransferase family. TRX/MLL subfamily. Contains 3 A.T hook DNA-binding domains. Contains 1 CXXC-type zinc finger. Contains 1 FYR C-terminal domain. Contains 1 FYR N-terminal domain. Contains 3 PHD-type zinc fingers. Contains 1 post-SET domain. Contains 1 SET domain.
細胞内局在	Nucleus.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KMT2B / MLL4 antibody (ab104444)

ab104444, at 5 µg/ml, staining KMT2B / MLL4 in formalin-fixed, paraffin-embedded human brain cortex tissue by Immunohistochemistry. A biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen was used as the secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KMT2B / MLL4 antibody (ab104444)

ab104444, at 5 µg/ml, staining KMT2B / MLL4 in formalin-fixed, paraffin-embedded human testis tissue by Immunohistochemistry. A biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen was used as the secondary antibody.

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