

Anti-KAT7 / Hbo1 / MYST2 antibody ab70183

13 References [画像数 3](#)

製品の概要

製品名	Anti-KAT7 / Hbo1 / MYST2 antibody
製品の詳細	Rabbit polyclonal to KAT7 / Hbo1 / MYST2
由来種	Rabbit
アプリケーション	適用あり: ELISA, IHC-P, WB, ICC/IF, IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human KAT7/ Hbo1/ MYST2 (internal sequence). Database link: O95251 (Peptide available as ab182013)
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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
精製度	Without Mg ²⁺ and Ca ²⁺ Immunogen affinity 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

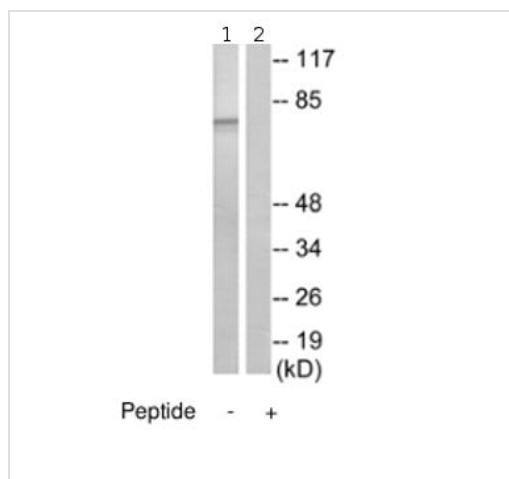
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab70183の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/500 - 1/1000. Detects a band of approximately 71 kDa (predicted molecular weight: 71 kDa).
ICC/IF		1/100 - 1/500.
IP		Use at an assay dependent concentration.

ターゲット情報

機能	Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of TP53-dependent transcription. Specifically represses AR-mediated transcription.
組織特異性	Ubiquitously expressed, with highest levels in testis.
配列類似性	Belongs to the MYST (SAS/MOZ) family. Contains 1 C2HC-type zinc finger.
ドメイン	The C2HC-type zinc finger is required for interaction with MCM2 and ORC1L. The N-terminus is involved in transcriptional repression, while the C-terminus mediates AR-interaction.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Nucleus > nucleoplasm.

画像



Western blot - Anti-KAT7 / Hbo1 / MYST2 antibody (ab70183)

All lanes : Anti-KAT7 / Hbo1 / MYST2 antibody (ab70183) at 1/500 dilution

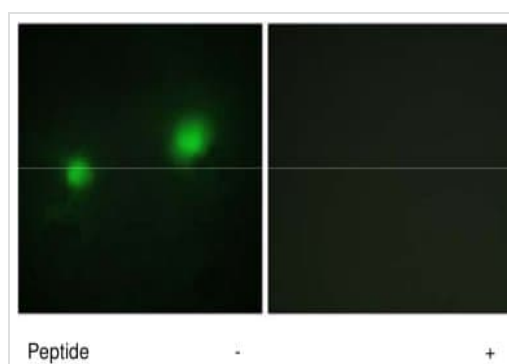
Lane 1 : Jurkat cell extract

Lane 2 : Jurkat cell extract with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 71 kDa

Observed band size: 71 kDa



Immunocytochemistry/ Immunofluorescence - Anti-KAT7 / Hbo1 / MYST2 antibody (ab70183)

HUVEC cells with ab70183 at 1/500 dilution, with and without the immunising peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KAT7 / Hbo1 / MYST2 antibody (ab70183)

IHC image of ab70183 staining in human breast carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with EDTA (pH9, epitope retrieval solution 2) for 20 mins. The section was then incubated with ab70183, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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