


Anti-SUPT16H antibody [EPR3685] ab108960

リコンビナント **RabMAb**

画像数 2

製品の概要

製品名	Anti-SUPT16H antibody [EPR3685]
製品の詳細	Rabbit monoclonal [EPR3685] to SUPT16H
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
種交差性	交差種: Human 交差が予測される動物種: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HeLa, Jurkat and A549 cell lysates
特記事項	<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>Rat: We have preliminary internal testing data to indicate this antibody may not react with this 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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.31% Sodium citrate, 0.175% Sodium chloride, 0.0172% EDTA, 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR3685
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ab108960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。

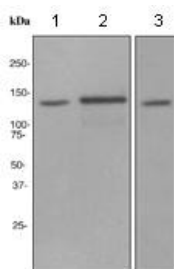
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 140 kDa (predicted molecular weight: 120 kDa).

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

ターゲット情報

機能	Component of the FACT complex, a general chromatin factor that acts to reorganize nucleosomes. The FACT complex is involved in multiple processes that require DNA as a template such as mRNA elongation, DNA replication and DNA repair. During transcription elongation the FACT complex acts as a histone chaperone that both destabilizes and restores nucleosomal structure. It facilitates the passage of RNA polymerase II and transcription by promoting the dissociation of one histone H2A-H2B dimer from the nucleosome, then subsequently promotes the reestablishment of the nucleosome following the passage of RNA polymerase II. The FACT complex is probably also involved in phosphorylation of 'Ser-392' of p53/TP53 via its association with CK2 (casein kinase II). Also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.
組織特異性	Ubiquitous.
配列類似性	Belongs to the peptidase M24 family. SPT16 subfamily.
ドメイン	The Glu-rich acidic region in C-terminus is essential for FACT activity.
翻訳後修飾	ADP-ribosylated. ADP-ribosylation by PARP1 is induced by genotoxic stress and correlates with dissociation of FACT from chromatin.
細胞内局在	Nucleus. Chromosome. Colocalizes with RNA polymerase II on chromatin. Recruited to actively transcribed loci.

画像



Western blot - Anti-SUPT16H antibody [EPR3685] (ab108960)

All lanes : Anti-SUPT16H antibody [EPR3685] (ab108960) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : A549 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 120 kDa

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

Anti-SUPT16H antibody [EPR3685] (ab108960)

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

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