

Anti-SUPT16H antibody ab86529

1 图像

概述

产品名称	Anti-SUPT16H抗体
描述	兔多克隆抗体to SUPT16H
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Goat, Horse, Cow, Cat, Dog, Pig, Zebrafish 
免疫原	Synthetic peptide corresponding to a region within the internal amino acids 972-1021 (ESDYSKESLG SEEESGKDWD ELEEEARKAD RESRYEEEEEE QSRMSRKRK) of Human SUPT16H, NP_009123 Run BLAST with ExpASY Run BLAST with NCBI
阳性对照	293T cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: PBS, 2% Sucrose
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab86529于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明

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WB		Use a concentration of 1 µg/ml. Detects a band of approximately 140 kDa (predicted molecular weight: 120 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能

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.

组织特异性

Ubiquitous.

序列相似性

Belongs to the peptidase M24 family. SPT16 subfamily.

结构域

The Glu-rich acidic region in C-terminus is essential for FACT activity.

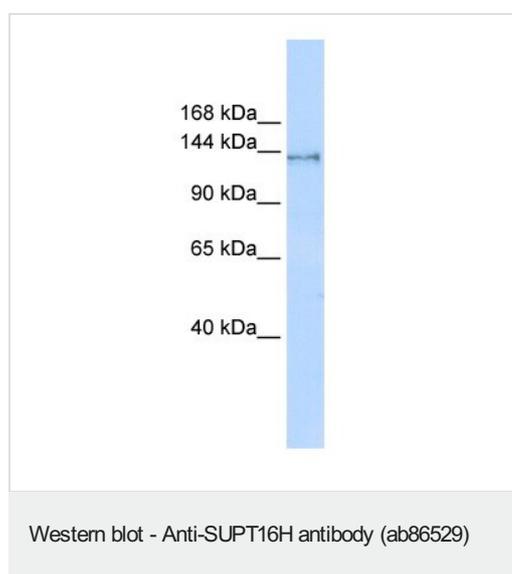
翻译后修饰

ADP-ribosylated. ADP-ribosylation by PARP1 is induced by genotoxic stress and correlates with dissociation of FACT from chromatin.

细胞定位

Nucleus. Chromosome. Colocalizes with RNA polymerase II on chromatin. Recruited to actively transcribed loci.

图片



Anti-SUPT16H antibody (ab86529) at 1 µg/ml + 293T cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 120 kDa

Observed band size: 140 kDa

Gel concentration 6-18%

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