

Anti-SSRP1 antibody [EPR7895] ab137034

重组 RabMAb

4 References 3 图像

概述	
产品名称	Anti-SSRP1抗体[EPR7895]
描述	兔单克隆抗体[EPR7895] to SSRP1
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HEK-293, Molt-4, NIH/3T3, C6, and HeLa lysates.
常规说明	<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>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR7895
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab137034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
WB		1/1000 - 1/10000. Predicted molecular weight: 81 kDa.

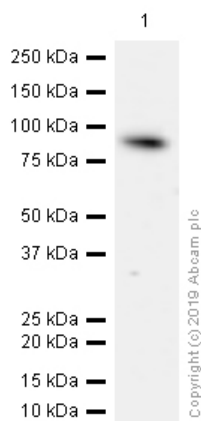
应用说明

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

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). Binds specifically to double-stranded DNA and at low levels to DNA modified by the antitumor agent cisplatin. May potentiate cisplatin-induced cell death by blocking replication and repair of modified DNA. Also acts as a transcriptional coactivator for p63/TP63.
序列相似性	Belongs to the SSRP1 family. Contains 1 HMG box DNA-binding domain.
结构域	The HMG box DNA-binding domain mediates DNA-binding. It has both affinity and specificity for DNA damaged globally with cisplatin.
翻译后修饰	Phosphorylated by CK2 following UV but not gamma irradiation. Phosphorylation inhibits its DNA-binding activity. Ubiquitinated. Polyubiquitinated following caspase cleavage resulting in degradation of the N-terminal ubiquitinated part of the cleaved protein. Sumoylated.
细胞定位	Nucleus. Chromosome. Colocalizes with RNA polymerase II on chromatin. Recruited to actively transcribed loci.

图片



Western blot - Anti-SSRP1 antibody [EPR7895]
(ab137034)

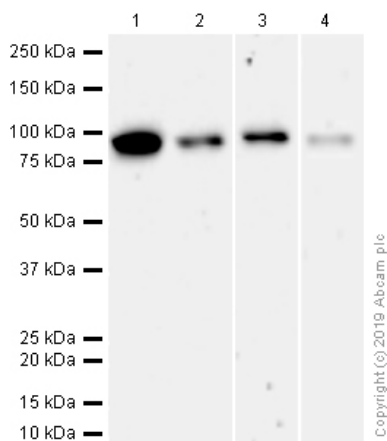
Anti-SSRP1 antibody [EPR7895] (ab137034) at 1/1000 dilution
(Purified) + HeLa (Human cervix adenocarcinoma epithelial cell)
whole cell lysate at 15 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 81 kDa

Observed band size: 81 kDa



Western blot - Anti-SSRP1 antibody [EPR7895]
(ab137034)

All lanes : Anti-SSRP1 antibody [EPR7895] (ab137034) at 1/1000 dilution (Purified)

Lane 1 : HEK-293 (Human embryonic kidney epithelial cell) whole cell lysate

Lane 2 : Molt-4 (Human lymphoblastic leukemia lymphoblast) whole cell lysate

Lane 3 : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lane 4 : C6 (Rat glial tumor cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 81 kDa

Observed band size: 81 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-SSRP1 antibody [EPR7895] (ab137034)

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

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