

Anti-SAM68 antibody [EPR3231] ab76471

重组 RabMAb

★★★★★ [1 Abreviews](#) [3 References](#) [4 图像](#)

概述

产品名称	Anti-SAM68抗体[EPR3231]
描述	兔单克隆抗体[EPR3231] to SAM68
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF 不适用于: Flow Cyt or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide within Human SAM68 (N terminal). The exact sequence is proprietary.
阳性对照	HeLa and Jurkat cell lysates and human brain tissue and Hela cells
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR3231

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab76471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)	1/20000 - 1/100000. Detects a band of approximately 68 kDa (predicted molecular weight: 49 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

应用说明

Is unsuitable for Flow Cyt or IP.

靶标

功能

Recruited and tyrosine phosphorylated by several receptor systems, for example the T-cell, leptin and insulin receptors. Once phosphorylated, functions as an adapter protein in signal transduction cascades by binding to SH2 and SH3 domain-containing proteins. Role in G2-M progression in the cell cycle. Represses CBP-dependent transcriptional activation apparently by competing with other nuclear factors for binding to CBP. Also acts as a putative regulator of mRNA stability and/or translation rates and mediates mRNA nuclear export.
Isoform 3, which is expressed in growth-arrested cells only, inhibits S phase.

组织特异性

Ubiquitously expressed in all tissue examined. Isoform 1 is expressed at lower levels in brain, skeletal muscle, and liver whereas isoform 3 is intensified in skeletal muscle and in liver.

序列相似性

Belongs to the KHDRBS family.
Contains 1 KH domain.

发展阶段

Isoform 3 is only expressed in growth-arrested cells.

结构域

The KH domain is required for binding to RNA.
The Pro-rich domains are flanked by Arg/Gly-rich motifs which can be asymmetric dimethylated on arginine residues to give the DMA/Gly-rich regions. Selective methylation on these motifs can modulate protein-protein interactions.

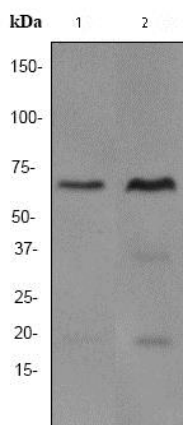
翻译后修饰

Tyrosine phosphorylated by several non-receptor tyrosine kinases, for example LCK, FYN and JAK3. Negatively correlates with ability to bind RNA but required for many interactions with proteins.
Acetylated. Positively correlates with ability to bind RNA.
Arginine methylation is required for nuclear localization. Also can affect interaction with other proteins. Inhibits interaction with Src-like SH3 domains, but not interaction with WW domains of WBP4/FBP21 AND FNBP4/FBP30.
Arg-291, Arg-331 and Arg-346 are found to be also dimethylated, probably to asymmetric dimethylarginine.

细胞定位

Nucleus. Membrane.

图片



Western blot - Anti-SAM68 antibody [EPR3231] (ab76471)

All lanes : Anti-SAM68 antibody [EPR3231] (ab76471) at 1/100000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Jurkat cell lysate

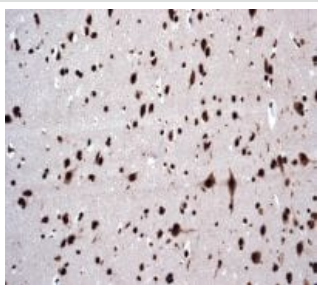
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 49 kDa

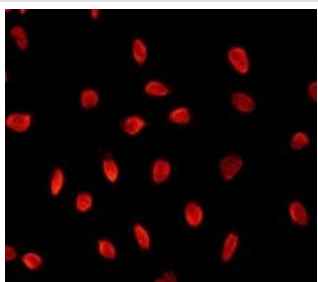
Observed band size: 68 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SAM68 antibody [EPR3231] (ab76471)

ab76471 at 1/100 dilution staining SAM68 in human brain tissue, using a HRP/AP polymerized secondary antibody.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-SAM68 antibody [EPR3231] (ab76471)

Immunofluorescent staining of HeLa cells using ab76471 at a 1/100 dilution.

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-SAM68 antibody [EPR3231] (ab76471)

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

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