


Anti-SYVN1/HRD1 antibody [EP7459] ab170901

重组 RabMAb

★★★★★ **1 Abreviews** **16 References** **5 图像**

概述

产品名称	Anti-SYVN1/HRD1抗体[EP7459]
描述	兔单克隆抗体[EP7459] to SYVN1/HRD1
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, ICC/IF, IP 不适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide within Human SYVN1/HRD1 aa 150-250 (internal sequence) (Cysteine residue). The exact sequence is proprietary. Database link: Q86TM6
阳性对照	293T, HepG2, HeLa, Ramos and SH-SY5Y cell lysates, HeLa and 293T cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant

克隆	单克隆
克隆编号	EP7459
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab170901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
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★☆ (1)	1/1000 - 1/10000. Predicted molecular weight: 67 kDa.
ICC/IF		1/100 - 1/250.
IP		1/10 - 1/100.

应用说明 Is unsuitable for IHC-P.

靶标

功能	Acts as an E3 ubiquitin-protein ligase which accepts ubiquitin specifically from endoplasmic reticulum-associated UBC7 E2 ligase and transfers it to substrates, promoting their degradation. Component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins. Also promotes the degradation of normal but naturally short-lived proteins such as SGK. Protects cells from ER stress-induced apoptosis. Protects neurons from apoptosis induced by polyglutamine-expanded huntingtin (HTT) or unfolded GPR37 by promoting their degradation. Sequesters p53/TP53 in the cytoplasm and promotes its degradation, thereby negatively regulating its biological function in transcription, cell cycle regulation and apoptosis.
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组织特异性	Ubiquitously expressed, with highest levels in liver and kidney (at protein level). Up-regulated in synovial tissues from patients with rheumatoid arthritis (at protein level).
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通路 Protein modification; protein ubiquitination.

序列相似性	Belongs to the HRD1 family. Contains 1 RING-type zinc finger.
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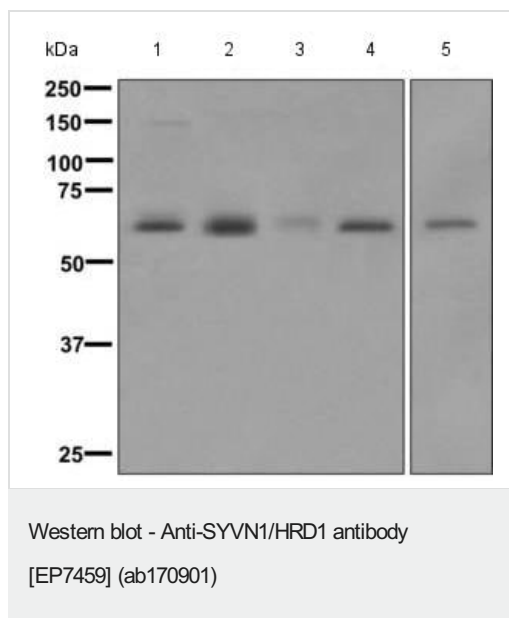
结构域 The RING-type zinc finger is required for E3 ligase activity.

翻译后修饰

Not N-glycosylated.
Auto-ubiquitinated.

细胞定位 Endoplasmic reticulum membrane.

图片



All lanes : Anti-SYVN1/HRD1 antibody [EP7459] (ab170901) at 1/1000 dilution

Lane 1 : SH-SY5Y cell lysate

Lane 2 : 293T cell lysate

Lane 3 : Ramos cell lysate

Lane 4 : HeLa cell lysate

Lane 5 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

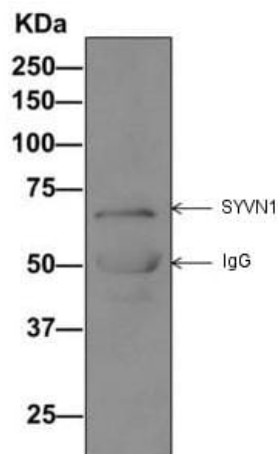
All lanes : Standard HRP labeled goat anti-rabbit at 1/2000 dilution

Developed using the ECL technique.

Predicted band size: 67 kDa

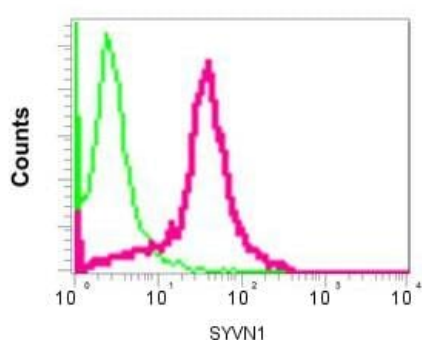


Immunofluorescence analysis of HeLa cells labeling SYVN1/HRD1, using ab170901 at a 1/100 dilution (red), and DAPI nuclear staining (blue).



Western blot analysis on immunoprecipitation pellet from 293T cell lysate, labeling SYVN1/HRD1 using ab170901 at a 1/10 dilution

Immunoprecipitation - Anti-SYVN1/HRD1 antibody [EP7459] (ab170901)



Intracellular Flow Cytometry analysis of permeabilized 293T cells labeling SYVN1/HRD1 (red), using ab170901 at a 1/10 dilution, or a negative control rabbit IgG (green).

Flow Cytometry (Intracellular) - Anti-SYVN1/HRD1 antibody [EP7459] (ab170901)

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-SYVN1/HRD1 antibody [EP7459] (ab170901)

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