


Anti-SYVN1/HRD1 antibody [EP7459] ab170901

リコンビナント **RabMAb**

★★★★☆ **1 Abreviews** **16 References** 画像数 5

製品の概要

製品名	Anti-SYVN1/HRD1 antibody [EP7459]
製品の詳細	Rabbit monoclonal [EP7459] to SYVN1/HRD1
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB, ICC/IF, IP 適用なし: IHC-P
種交差性	交差種: Human 交差が予測される動物種: 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
ポジティブ・コントロール	293T, HepG2, HeLa, Ramos and SH-SY5Y cell lysates, HeLa and 293T cells.
特記事項	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 .

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Tissue culture supernatant

ポリ/モノ	モノクローナル
クローン名	EP7459
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ab170901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。

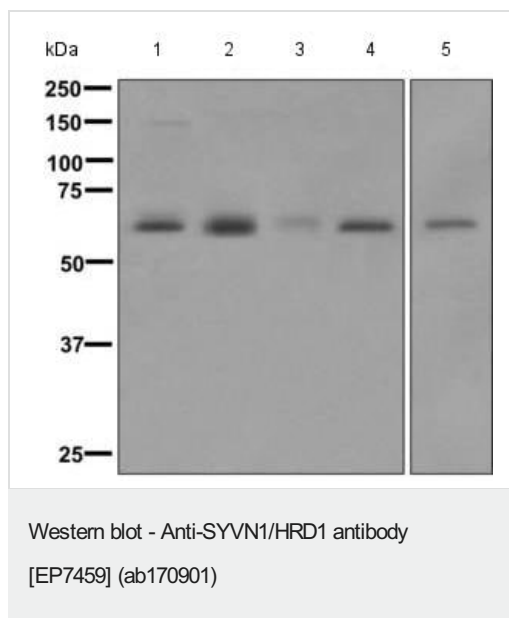
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 67 kDa.
ICC/IF		1/100 - 1/250.
IP		1/10 - 1/100.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

機能	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.
組織特異性	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).
パスウェイ	Protein modification; protein ubiquitination.
配列類似性	Belongs to the HRD1 family. Contains 1 RING-type zinc finger.
ドメイン	The RING-type zinc finger is required for E3 ligase activity.
翻訳後修飾	Not N-glycosylated. Auto-ubiquitinated.
細胞内局在	Endoplasmic reticulum membrane.

画像



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

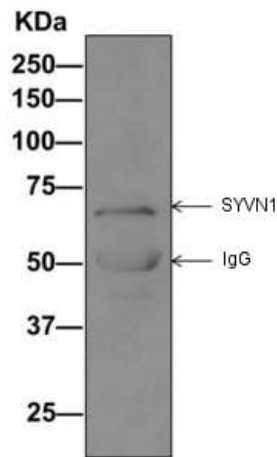
All lanes : Standard HRP labeled goat anti-rabbit at 1/2000 dilution

Developed using the ECL technique.

Predicted band size: 67 kDa

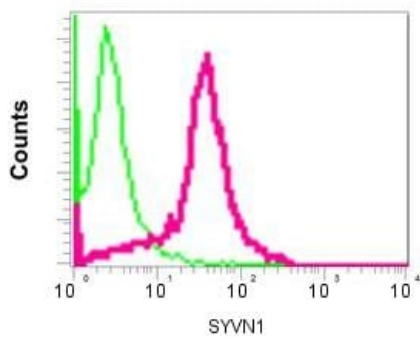


Immunofluorescence analysis of HeLa cells labeling SYVN1/HRD1, using ab170901 at a 1/100 dilution (red), and DAPI nuclear staining (blue).



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)

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

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