

HRP Anti-67kDa Laminin Receptor antibody [EPR8469] ab197712

リコンビナント **RabMAb**

画像数 2

製品の概要

製品名	HRP Anti-67kDa Laminin Receptor antibody [EPR8469]
製品の詳細	HRP Rabbit monoclonal [EPR8469] to 67kDa Laminin Receptor
由来種	Rabbit
標識	HRP
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HeLa, HepG2, PC-12 and NIH3T3 whole cell lysates.
特記事項	<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>

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. Avoid freeze / thaw cycle. Store In the Dark.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.1% Proclin 300 Solution</p> <p>Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR8469

アプリケーション

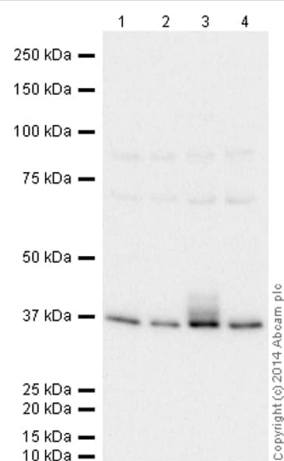
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab197712の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/5000. Detects a band of approximately 37 kDa (predicted molecular weight: 33 kDa).

ターゲット情報

機能	Required for the assembly and/or stability of the 40S ribosomal subunit. Required for the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits. Also functions as a cell surface receptor for laminin. Plays a role in cell adhesion to the basement membrane and in the consequent activation of signaling transduction pathways. May play a role in cell fate determination and tissue morphogenesis. Acts as a PPP1R16B-dependent substrate of PPP1CA. Also acts as a receptor for several other ligands, including the pathogenic prion protein, viruses, and bacteria.
配列類似性	Belongs to the ribosomal protein S2P family.
翻訳後修飾	Acylated. Acylation may be a prerequisite for conversion of the monomeric 37 kDa laminin receptor precursor (37LRP) to the mature dimeric 67 kDa laminin receptor (67LR), and may provide a mechanism for membrane association. Cleaved by stromelysin-3 (ST3) at the cell surface. Cleavage by stromelysin-3 may be a mechanism to alter cell-extracellular matrix interactions.
細胞内局在	Cell membrane. Cytoplasm. Nucleus. 67LR is found at the surface of the plasma membrane, with its C-terminal laminin-binding domain accessible to extracellular ligands. 37LRP is found at the cell surface, in the cytoplasm and in the nucleus (By similarity). Co-localizes with PPP1R16B in the cell membrane.

画像



Western blot - HRP Anti-67kDa Laminin Receptor antibody [EPR8469] (ab197712)

All lanes : HRP Anti-67kDa Laminin Receptor antibody [EPR8469] (ab197712) at 1/5000 dilution

Lane 1 : HeLa whole cell lysate ([ab150035](#))

Lane 2 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

Lane 3 : PC12 (Rat adrenal pheochromocytoma cell line) Whole Cell Lysate

Lane 4 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 33 kDa

Observed band size: 37 kDa

Exposure time: 12 seconds

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab197712 overnight at 4°C. Antibody binding was visualised using ECL development solution [ab133406](#).

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

HRP Anti-67kDa Laminin Receptor antibody

[EPR8469] (ab197712)

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

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