


Anti-67kDa Laminin Receptor antibody ab137388

5 References [4 图像](#)

概述

产品名称	Anti-67kDa Laminin Receptor抗体
描述	兔多克隆抗体to 67kDa Laminin Receptor
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P, WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Cow, Pig, Monkey 
免疫原	Recombinant fragment, corresponding to a region within amino acids 1-294 of Human 67kDa Laminin Receptor (Uniprot ID: P08865).
阳性对照	293T, A431, H1299, HeLa, HepG2, MOLT4, Raji and Mouse brain whole cell lysates; HeLa cells; Human CA922 xenograft tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

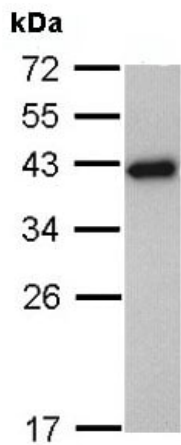
Abpromise™承诺保证使用ab137388于以下的经测试应用

“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
ICC/IF		1/100 - 1/1000.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. or Tris-EDTA buffer (pH8.0)
WB		1/500 - 1/3000. Predicted molecular weight: 33 kDa.

靶标	
功能	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.
序列相似性	Belongs to the ribosomal protein S2P family.
翻译后修饰	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.
细胞定位	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.

图片

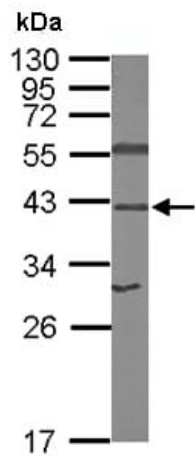


Western blot - Anti-67kDa Laminin Receptor antibody (ab137388)

Anti-67kDa Laminin Receptor antibody (ab137388) at 1/1000 dilution + HepG2 whole cell lysate at 30 μ g

Predicted band size: 33 kDa

12% SDS PAGE

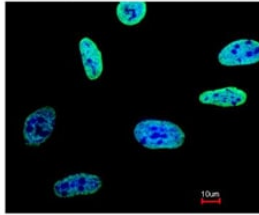
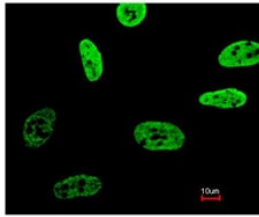


Western blot - Anti-67kDa Laminin Receptor antibody (ab137388)

Anti-67kDa Laminin Receptor antibody (ab137388) at 1/1000 dilution + Mouse brain whole cell lysate at 50 μ g

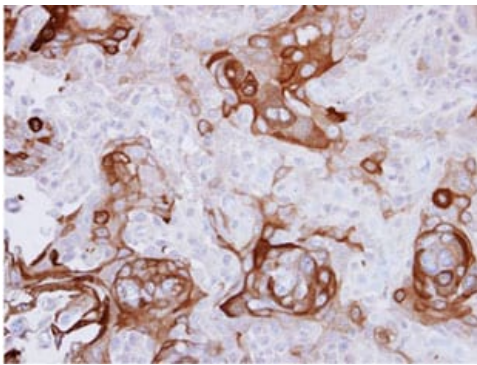
Predicted band size: 33 kDa

12% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-67kDa Laminin Receptor antibody (ab137388)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa cells, labelling 67kDa Laminin Receptor with ab137388 at 1/200 dilution. Lower image is merged with DNA probe.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-67kDa Laminin Receptor antibody (ab137388)

Immunohistochemical analysis of paraffin-embedded Human CA922 xenograft tissue, labelling 67kDa Laminin Receptor with ab137388 at 1/500 dilution.

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