


Anti-Munc18-1 antibody ab155020

3 图像

概述	
产品名称	Anti-Munc18-1抗体
描述	兔多克隆抗体to Munc18-1
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Chicken, Cow, Xenopus laevis 
免疫原	Recombinant fragment corresponding to a region within amino acids 354-574 of Human Munc18.
阳性对照	293T, A431, Jurkat, Raji and mouse brain lysates; A431 cells.
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: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
应用	

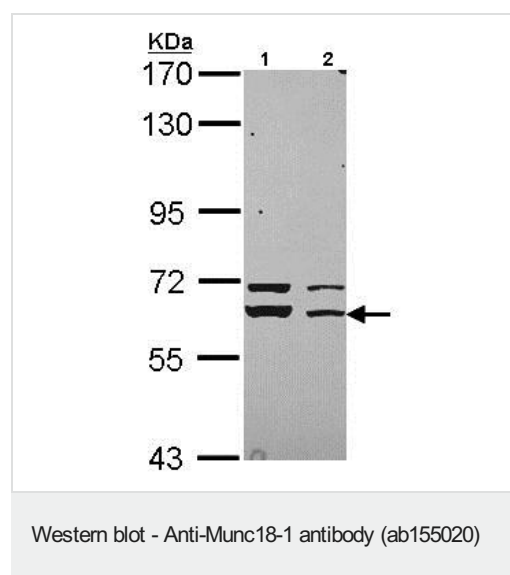
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 68 kDa.
ICC/IF		1/100 - 1/1000.

靶标

功能	May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions.
组织特异性	Brain and spinal cord. Highly enriched in axons.
疾病相关	Defects in STXBP1 are the cause of epileptic encephalopathy early infantile type 4 (EIEE4) [MIM:612164]. Affected individuals have neonatal or infantile onset of seizures, suppression-burst pattern on EEG, profound mental retardation, and MRI evidence of hypomyelination.
序列相似性	Belongs to the STXBP/unc-18/SEC1 family.
细胞定位	Cytoplasm. Membrane.

图片



All lanes : Anti-Munc18-1 antibody (ab155020) at 1/3000 dilution

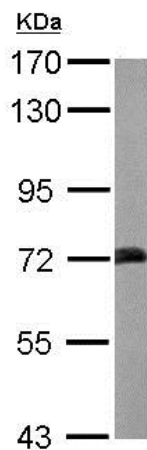
Lane 1 : 293T whole cell lysate

Lane 2 : A431 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 68 kDa

7.5% SDS PAGE

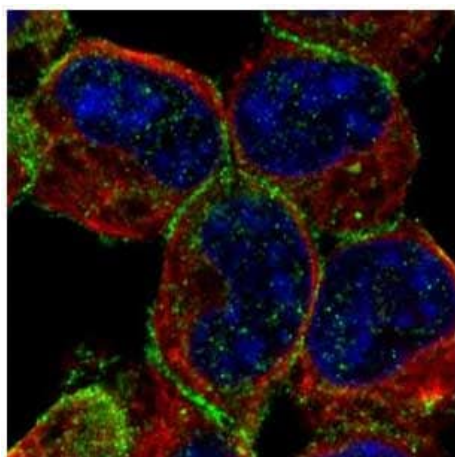


Western blot - Anti-Munc18-1 antibody (ab155020)

Anti-Munc18-1 antibody (ab155020) at 1/10000 dilution + mouse brain whole cell lysate at 20 µg

Predicted band size: 68 kDa

7.5% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-Munc18-1 antibody (ab155020)

Confocal immunofluorescent analysis of methanol-fixed A431 cells labeling Munc18 with ab155020 at 1/500 dilution (green). Alpha-tubulin filaments were labeled with an Alpha-tubulin antibody at 1/2000 dilution (red).

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