

Anti-Sigma1-receptor antibody ab71292

1 图像

概述

产品名称	Anti-Sigma1-receptor抗体
描述	兔多克隆抗体to Sigma1-receptor
宿主	Rabbit
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human Sigma1-receptor aa 118-147 (internal sequence) conjugated to keyhole limpet haemocyanin. Database link: Q99720
阳性对照	Sigma1-receptor-transfected 293 cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Ammonium Sulphate Precipitation
纯化说明	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab71292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。

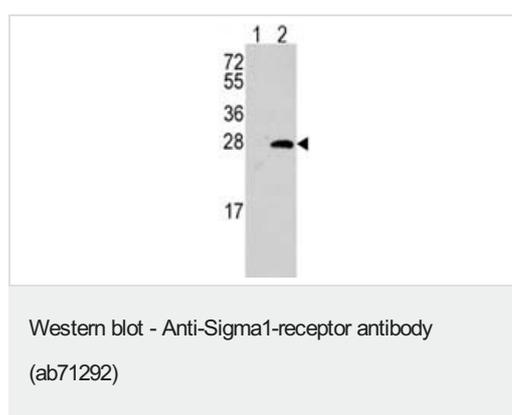
应用	Ab评论	说明
ELISA		1/1000.

应用	Ab评论	说明
WB		1/50 - 1/100. Detects a band of approximately 28 kDa (predicted molecular weight: 25 kDa).

靶标

功能	Functions in lipid transport from the endoplasmic reticulum and is involved in a wide array of cellular functions probably through regulation of the biogenesis of lipid microdomains at the plasma membrane. Involved in the regulation of different receptors it plays a role in BDNF signaling and EGF signaling. Also regulates ion channels like the potassium channel and could modulate neurotransmitter release. Plays a role in calcium signaling through modulation together with ANK2 of the ITP3R-dependent calcium efflux at the endoplasmic reticulum. Plays a role in several other cell functions including proliferation, survival and death. Originally identified for its ability to bind various psychoactive drugs it is involved in learning processes, memory and mood alteration.
组织特异性	Widely expressed with higher expression in liver, colon, prostate, placenta, small intestine, heart and pancreas. Expressed in the retina by retinal pigment epithelial cells.
疾病相关	Amyotrophic lateral sclerosis 16, juvenile
序列相似性	Belongs to the ERG2 family.
细胞定位	Nucleus inner membrane. Nucleus outer membrane. Endoplasmic reticulum membrane. Lipid droplet. Cell junction. Cell membrane. Cell projection > growth cone. Targeted to lipid droplets, cholesterol and galactosylceramide-enriched domains of the endoplasmic reticulum. Enriched at cell-cell communication regions, growth cone and postsynaptic structures. Localization is modulated by ligand-binding.

图片



All lanes : Anti-Sigma1-receptor antibody (ab71292) at 1/50 dilution

Lane 1 : Non-transfected 293 cell lysates

Lane 2 : 293 cell lysates transiently transfected with the OPRS1 gene

Lysates/proteins at 12.5 µg per lane.

Predicted band size: 25 kDa

Observed band size: 28 kDa

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

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