


Anti-UNC13B antibody ab97664

1 References **1 图像**

概述

| | |
|-------|---|
| 产品名称 | Anti-UNC13B抗体 |
| 描述 | 兔多克隆抗体to UNC13B |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Human 预测可用于: Mouse, Rat, Zebrafish  |
| 免疫原 | Recombinant protein fragment corresponding to a region within amino acids 462 and 719 of Human UNC13B (NP_006368) |
| 阳性对照 | 293T and HeLa 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 | <p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p> |
| 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ab97664于以下的经测试应用

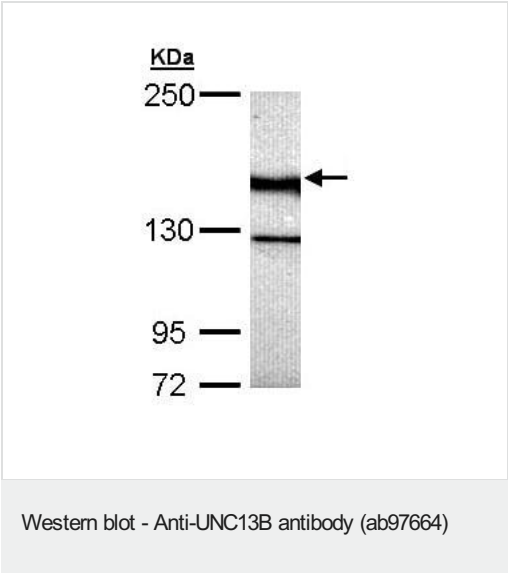
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----|------|--|
| WB | | 1/500 - 1/3000. Predicted molecular weight: 181 kDa. |

靶标

| | |
|-------|--|
| 功能 | Plays a role in vesicle maturation during exocytosis as a target of the diacylglycerol second messenger pathway. Is involved in neurotransmitter release by acting in synaptic vesicle priming prior to vesicle fusion and participates in the activity-dependent refilling of readily releasable vesicle pool (RRP). Essential for synaptic vesicle maturation in a subset of excitatory/glutamatergic but not inhibitory/GABA-mediated synapses. |
| 组织特异性 | Expressed in kidney cortical epithelial cells and brain. |
| 序列相似性 | Belongs to the unc-13 family. Contains 3 C2 domains. Contains 1 MHD1 (MUNC13 homology domain 1) domain. Contains 1 MHD2 (MUNC13 homology domain 2) domain. Contains 1 phorbol-ester/DAG-type zinc finger. |
| 结构域 | The C2 domains are not involved in calcium-dependent phospholipid binding. |
| 细胞定位 | Cytoplasm. Membrane. Cell membrane. Cell junction > synapse. Localized to synapses. Translocated to the plasma membrane in response to phorbol ester binding. |

图片



Anti-UNC13B antibody (ab97664) at 1/5000 dilution + HeLa whole cell lysate at 30 µg

Predicted band size: 181 kDa

5% SDS PAGE

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

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