


Anti-QKI antibody ab102086

2 图像

概述

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| 产品名称 | Anti-QKI抗体 |
| 描述 | 兔多克隆抗体to QKI |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: IHC-P, WB |
| 种属反应性 | 与反应: Human 预测可用于: Cow, Cat  |
| 免疫原 | Recombinant fragment within Human QKI aa 156-317. The exact sequence is proprietary. Database link: AAH19917 |
| 阳性对照 | 293T whole cell lysate, MDA-MB157 xenograft. |
| 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

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|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| 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

The Abpromise guarantee

Abpromise™承诺保证使用ab102086于以下的经测试应用

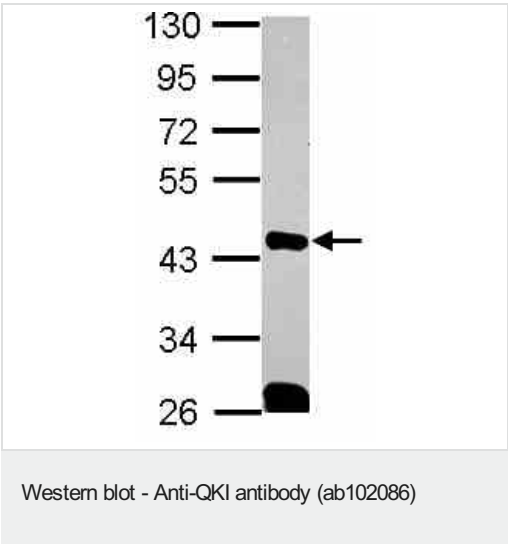
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|------|---|
| IHC-P | | 1/100 - 1/500. |
| WB | | 1/500 - 1/3000. Predicted molecular weight: 38 kDa. |

靶标

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|-------|--|
| 功能 | RNA-binding protein that plays a central role in myelination (PubMed:16641098). Binds to the 5'-NACUAAAY-N(1,20)-UAAAY-3' RNA core sequence. Regulates target mRNA stability (PubMed:23630077). In addition, acts by regulating pre-mRNA splicing, mRNA export and protein translation. Required to protect and promote stability of mRNAs such as MBP and CDKN1B. Regulator of oligodendrocyte differentiation and maturation in the brain that may play a role in myelin and oligodendrocyte dysfunction in schizophrenia (PubMed:16641098). Participates in mRNA transport by regulating the nuclear export of MBP mRNA. Also involved in regulation of mRNA splicing of MAG pre-mRNA. Acts as a translational repressor. |
| 组织特异性 | Expressed in the frontal cortex of brain. Down-regulated in the brain of schizophrenic patients. |
| 序列相似性 | Contains 1 KH domain. |
| 结构域 | The KH domain and the Qua2 region are involved in RNA binding. |
| 翻译后修饰 | Methylated by PRMT1. Tyrosine phosphorylated at its C-terminus, probably by FYN. Phosphorylation leads to decreased mRNA-binding affinity, affecting transport and/or stabilization of MBP mRNA. |
| 细胞定位 | Nucleus. Cytoplasm. |

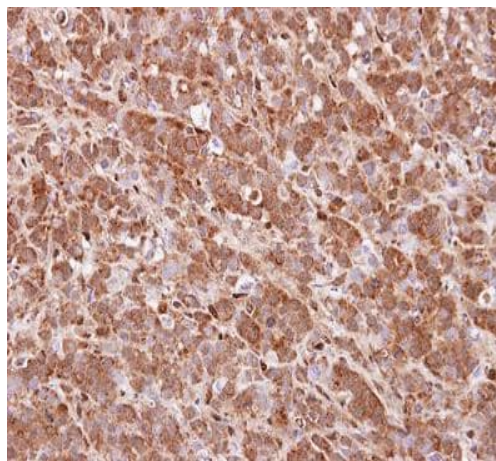
图片



Anti-QKI antibody (ab102086) at 1/1000 dilution + 293T whole cell lysate at 30 µg

Predicted band size: 38 kDa

10% SDS PAGE



Immunohistochemical analysis of paraffin-embedded MDA-MB157 xenograft, using ab102086 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-QKI antibody (ab102086)

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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