abcam

Product datasheet

# Anti-QKI antibody ab103563

**1 Abreviews** 1 图像

## 概述

| | |
|---|---|
| **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 |
| **种属反应性** | **与反应:** Human<br>**预测可用于:** Rat, Horse, Chicken, Cow, Cat, Dog, Pig, Xenopus laevis, Chimpanzee, Zebrafish, Rhesus monkey, Gorilla, Opossum, Orangutan |
| **免疫原** | Synthetic peptide corresponding to Human QKI (C terminal). Synthetic peptide from the C terminus of isoform 5.<br>Database link: **AAH19917.1** |
| **阳性对照** | Human breast carcinoma tissue. |
| **常规说明** | 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.<br>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 |

## 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** | pH: 6.8<br>Preservative: 0.09% Sodium azide<br>Constituents: Tris buffered saline, 0.1% BSA |
| **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ab103563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. |

## 靶标

**功能** RNA-binding protein that plays a central role in myelinization (PubMed:16641098). Binds to the 5'-NACUAAY-N(1,20)-UAAY-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.

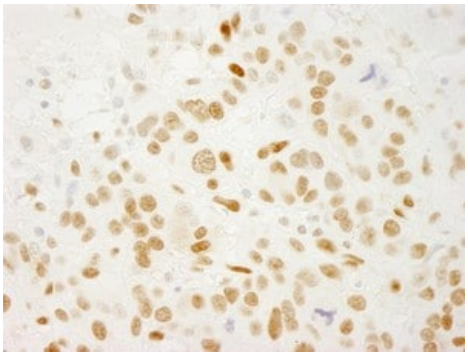
**序列相似性** Contains 1 KH domain.

**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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-QKI antibody (ab103563)

ab103563, at 1/250 dilution, staining QKI in formalin-fixed, paraffin-embedded Human breast carcinoma tissue by Immunohistochemistry using DAB staining.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors