


Anti-QKI antibody ab102086

面格新?

医薬用外劇物

製品の概要

製品名	Anti-QKI antibody
製品の詳細	Rabbit polyclonal to QKI
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Human 交差が予測される動物種: Cow, Cat 
免疫原	Recombinant fragment within Human QKI aa 156-317. The exact sequence is proprietary. Database link: AAH19917
ポジティブ・コントロール	293T whole cell lysate, MDA-MB157 xenograft.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab102086の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/100 - 1/500.
WB		1/500 - 1/3000. Predicted molecular weight: 38 kDa.

ターゲット情報

機能

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.

組織特異性

Expressed in the frontal cortex of brain. Down-regulated in the brain of schizophrenic patients.

配列類似性

Contains 1 KH domain.

ドメイン

The KH domain and the Qua2 region are involved in RNA binding.

翻訳後修飾

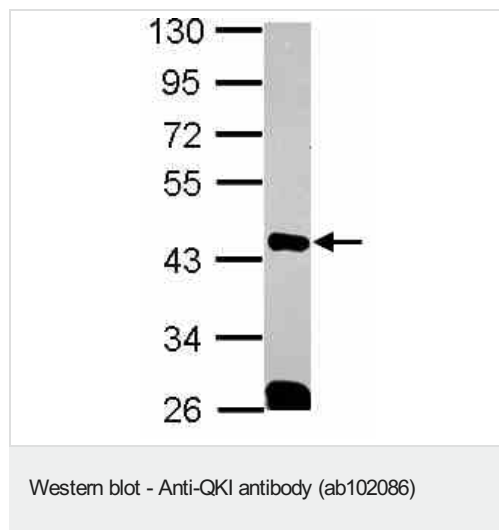
Methylated by PRMT1.

Tyrosine phosphorylated at its C-terminus, probably by FYN. Phosphorylation leads to decreased mRNA-binding affinity, affecting transport and/or stabilization of MBP mRNA.

細胞内局在

Nucleus. Cytoplasm.

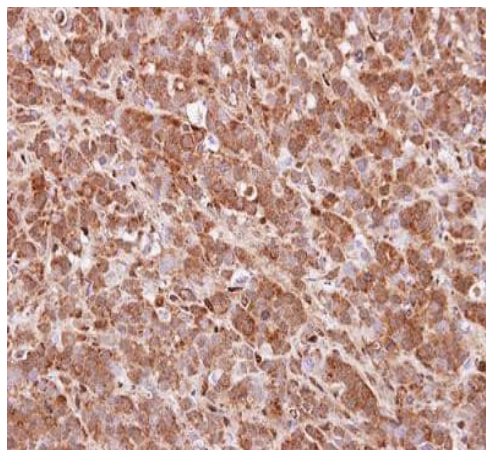
画像



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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- 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

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