



QKI mouse mAb

| | |
|--------------------|---|
| Catalog No | BYmab-11957 |
| Isotype | IgG |
| Reactivity | Human; Mouse;Rat |
| Applications | WB |
| Gene Name | QKI HKQ |
| Protein Name | QKI |
| Immunogen | Synthesized peptide derived from human QKI AA range: 198-248 |
| Specificity | This antibody detects endogenous levels of QKI at Human/Mouse/Rat |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | |
| Cell Pathway | Nucleus . Cytoplasm . |
| Tissue Specificity | Expressed in the frontal cortex of brain. Down-regulated in the brain of schizophrenic patients. |
| Function | disease:Deletion of the QKI gene may play a role in astrocytic tumors.,disease:May play a role in genetic susceptibility to schizophrenia. QKI levels of some isoforms such as isoform 6, are frequently down-regulated in schizophrenic patients.,function:RNA-binding protein that plays a central role in myelination. Binds to the 5'-NACUAAAY-N(1,20)-UAAY-3' RNA core sequence. Acts by regulating pre-mRNA splicing, mRNA export, mRNA stability and protein translation. Required to protect and promote stability of mRNAs such as MBP and CDKN1B which promotes oligodendrocyte differentiation. 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.,PTM:Methylated by PRMT1.,PTM:Tyrosine phosphorylated at its C-terminus, probably by FYN. Phosphorylation leads to decreased mRNA-binding |

Nanjing BYabscience technology Co.,Ltd



a

Background

The protein encoded by this gene is an RNA-binding protein that regulates pre-mRNA splicing, export of mRNAs from the nucleus, protein translation, and mRNA stability. The encoded protein is involved in myelination and oligodendrocyte differentiation and may play a role in schizophrenia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014],

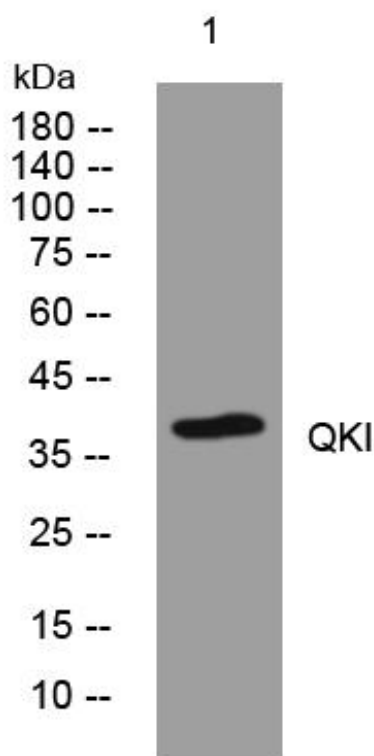
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using QKI mouse mAb

Nanjing BYabs science technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658