

Datasheet for ABIN7166001  
**anti-QKI antibody (AA 1-341)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	QKI
Binding Specificity:	AA 1-341
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This QKI antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human Protein quaking protein (1-341AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	QKI
Alternative Name:	QKI ( <a href="#">QKI Products</a> )
Background:	Background: 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

## Target Details

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 (By similarity). Aliases: DKFZp586I0923 antibody, HKQ antibody, Homolog of mouse quaking QKI KH domain RNA binding protein antibody, Hqk antibody, HQK1 antibody, Hqkl antibody, OTTHUMP00000017581 antibody, OTTHUMP00000017582 antibody, OTTHUMP00000017583 antibody, Protein quaking antibody, QK antibody, QK1 antibody, QK3 antibody, QKI antibody, QKI\_HUMAN antibody, QKI1 antibody, Quaking homolog antibody, Quaking homolog KH domain RNA binding antibody, Quaking homolog KH domain RNA binding mouse antibody, Quaking isoform 1 antibody, Quaking protein antibody, RNA binding protein HQK antibody

UniProt: [Q96PU8](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

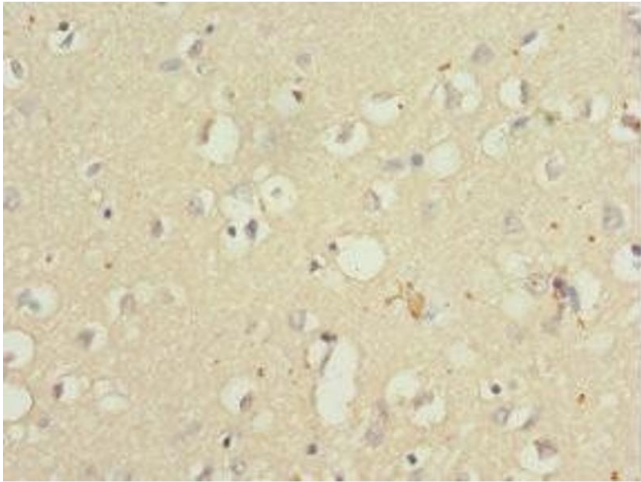
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

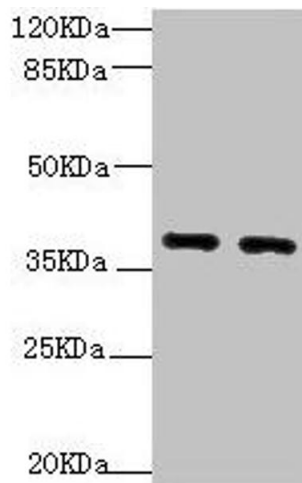
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



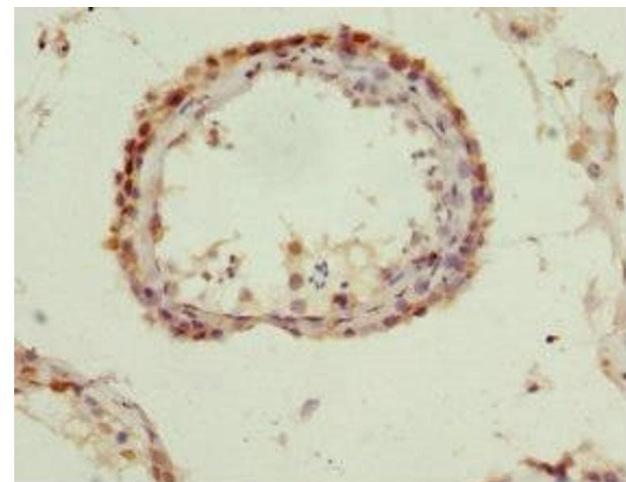
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7166001 at dilution of 1:100



#### Western Blotting

**Image 2.** Western blot All lanes: QKI antibody at 1.92 µg/mL  
Lane 1: HL60 whole cell lysate Lane 2: K562 whole cell lysate  
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 38, 37, 36 kDa Observed band size: 38, 70 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7166001 at dilution of 1:100