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QKI (N2) Antibody, Rabbit Polyclonal

Cat#: R2877-1

Quantity: 100 ul

Predicted | Observed M.W.: 38 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q96PU8

Background:

Protein quaking (QKI) is an RNA-binding protein that plays a central role in myelination. QKI acts by regulating pre-mRNA splicing, mRNA export, mRNA stability and protein translation. QKI is required to protect and promote stability of mRNAs such as MBP and CDKN1B. Additionally, QKI is a regulator of oligodendrocyte differentiation and maturation in the brain that may play a role in myelin and oligodendrocyte dysfunction in schizophrenia.

Other Names:

Protein quaking, HKQ, Hqkl

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human QKI. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:500-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

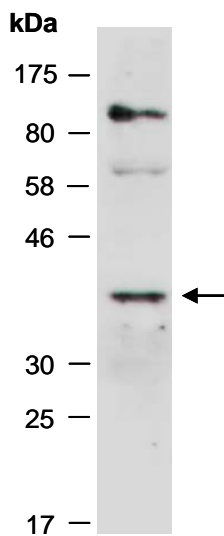


Fig 1. Western blot of total cell extracts from mouse thymus; using anti-QKI (N2) (R2877-1) at RT for 2 h.