

PACO44410

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

RNA-binding protein that plays a central role in myelination. Binds to the 5'-NACUAAAY-N(1,20)-UAAAY-3' RNA core sequence. Regulates target mRNA stability. 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. 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.

Gene ID:

QKI

Uniprot

Q96PU8

Synonyms:

Protein quaking (Hqk) (Hqkl), QKI, HKQ

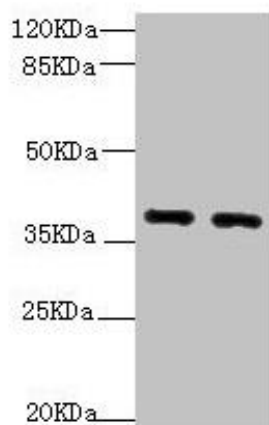
Immunogen:

Recombinant Human Protein quaking protein (1-341AA).

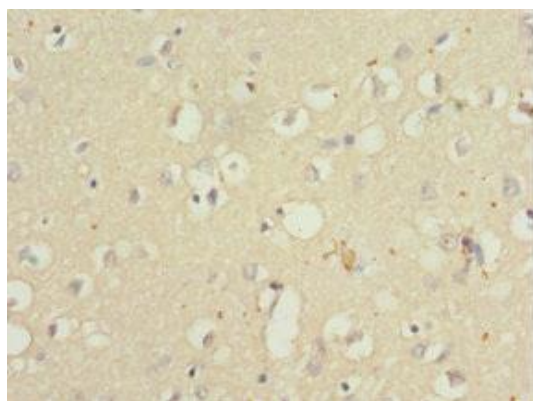
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

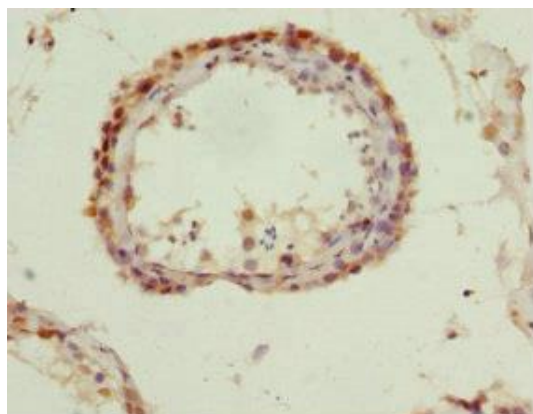
Product Images



Western blot. All lanes: QKI antibody at 1.92 μ g/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 of paraffin-embedded human brain tissue using PACO44410 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO44410 at dilution of 1:100.