

QKI Rabbit mAb

Catalog No.: A0193 **Recombinant**

Basic Information

Observed MW

38kDa/40kDa

Calculated MW

38kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC, IP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2500

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.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Contact

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Immunogen Information

Gene ID

9444

Swiss Prot

Q96PU8

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 242-341 of human QKI (Q96PU8).

Synonyms

QK; Hqk; QK1; QK3; hqkl; QKI

Product Information

Source

Rabbit

Isotype

IgG

Purification

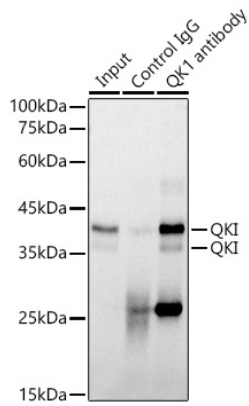
Affinity purification

Storage

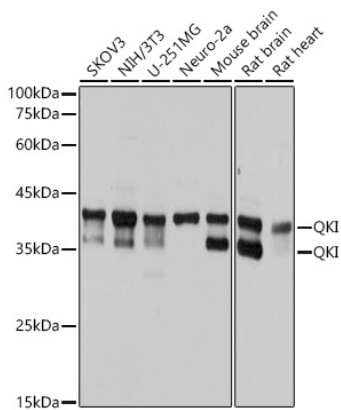
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

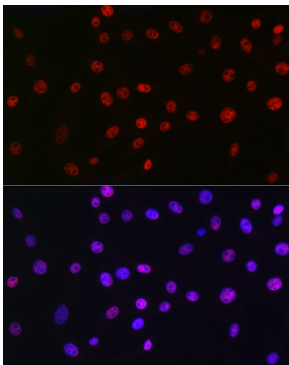
Validation Data



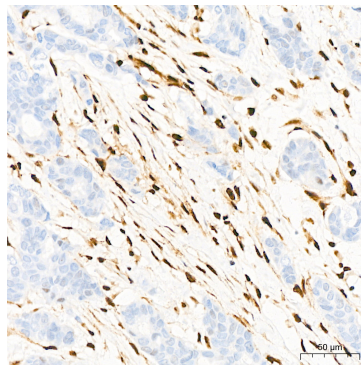
Immunoprecipitation analysis of 300 µg extracts of NIH/3T3 cells using 3 µg QKI antibody (A0193). Western blot was performed from the immunoprecipitate using QKI antibody (A0193) at a dilution of 1:1000.



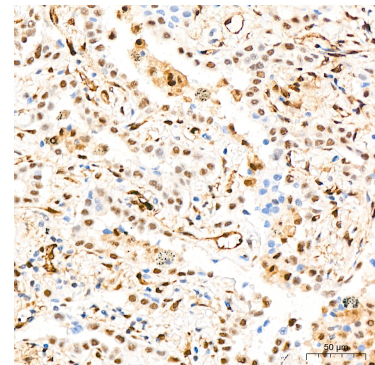
Western blot analysis of various lysates using QKI Rabbit mAb (A0193) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of NIH/3T3 cells using QKI Rabbit mAb (A0193) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

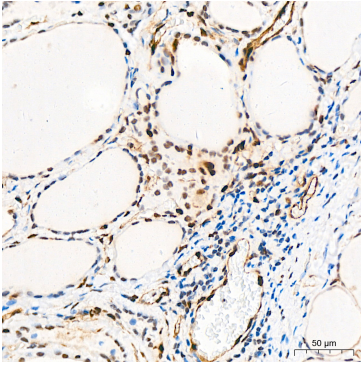


Immunohistochemistry analysis of QKI in paraffin-embedded human breast cancer tissue using QKI Rabbit mAb (A0193) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

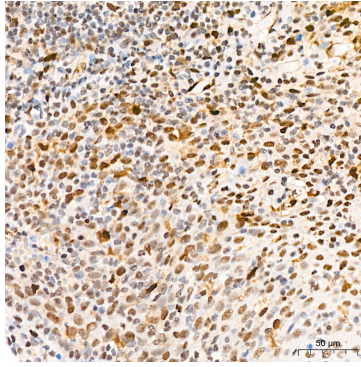


Immunohistochemistry analysis of QKI in paraffin-embedded Human lung adenocarcinoma tissue using QKI Rabbit mAb (A0193) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

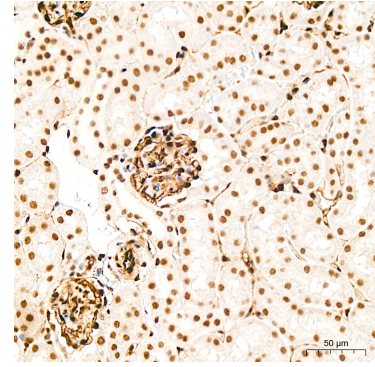
Validation Data



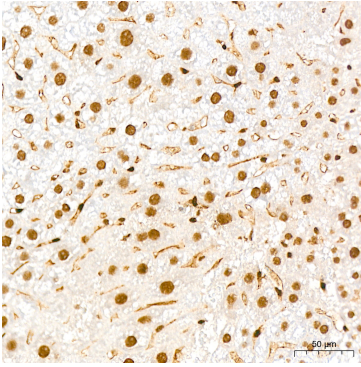
Immunohistochemistry analysis of QKI in paraffin-embedded human thyroid tissue using QKI Rabbit mAb (A0193) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



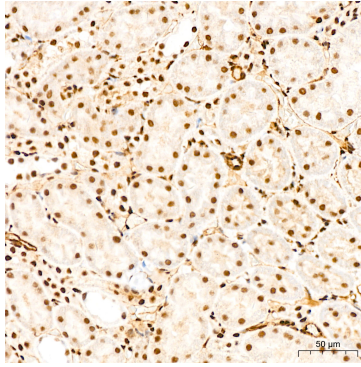
Immunohistochemistry analysis of QKI in paraffin-embedded human tonsil tissue using QKI Rabbit mAb (A0193) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of QKI in paraffin-embedded mouse kidney tissue using QKI Rabbit mAb (A0193) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of QKI in paraffin-embedded mouse liver tissue using QKI Rabbit mAb (A0193) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of QKI in paraffin-embedded rat kidney tissue using QKI Rabbit mAb (A0193) at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.