

Mouse Pan-QKI Monoclonal Antibody | anti-QKI antibody

Pan-QKI Monoclonal Antibody

CATALOG # AAA47867	HOST Mouse	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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PRODUCT SYNONYMS

Pan-QKI; Monoclonal Antibody; Pan-QKI Monoclonal Antibody; anti-QKI antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Specificity	This antibody recognizes human, mouse, and rat QKI-5. It cross-reacts with QKI-6, QKI-7, and QKI-7b.
Form/Format	100ug (1mg/ml) Protein G-purified antibody in PBS, pH 7.4, 0.1% sodium azide, 50% glycerol.
Sequence Length	341
Applicable Applications for anti-QKI antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Fusion protein corresponding to aa 1-341 (full-length) of human QKI-5. This sequence is 100% identical to mouse, 99% identical to rat, and >90% identical to QKI-6, QKI-7, and QKI-7b.
Preparation and Storage	This product is stable for at least one (1) year at -20 degree C.

IMAGES



Application Data

Detection of QKI-5 in neuroblastoma cell line SKN-BE at 10ug/ml: DAPI (blue) nuclear stain, Texas Red F actin stain, ATTO 488 (green) QKI-5 stain.



Application Data

Detection of QKI-5 in rat brain lysate at 5ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-QKI antibody	QKI (also called Protein Quaking or Hqkl) 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 and is itself regulated by alternative splicing. QKI is expressed in the frontal cortex of brain; it is shown to be downregulated in the brains of schizophrenic patients.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45827706
NCBI GeneID	9444
NCBI Accession #	NP_006766.1
NCBI GenBank Nucleotide #	NM_006775.2

UniProt Accession #	Q96PU8; Q2I375; Q5MJQ1; Q969L9; Q96EJ3; Q96KA3; Q96PU6; Q96PU7; Q9P0X6; Q9P0X7; Q9P0X8; Q9P0X9
Molecular Weight	36,926 Da
NCBI Official Full Name	protein quaking isoform 1
NCBI Official Synonym Full Names	QKI, KH domain containing RNA binding
NCBI Official Symbol	QKI
NCBI Official Synonym Symbols	QK; Hqk; QK1; QK3; hqkl
NCBI Protein Information	protein quaking
UniProt Protein Name	Protein quaking
UniProt Gene Name	QKI
UniProt Synonym Gene Names	HKQ; Hqk; Hqkl

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pan-qki-antibody-immunofluorescence-immunoblot-elisa/47867>