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Datasheet for 200-366-W79

QKI (pan) Antibody Streptavidin

Overview

Description:	Anti-QKI (pan) (MOUSE) Monoclonal Antibody Streptavidin Conjugated - 200-366-W79
Item No.:	200-366-W79
Size:	100 µg
Reactivity:	H. sapiens (Human), Mus musculus (Mouse), Rattus (Rat)
Host Species:	Mouse

Product Details

Background:	QKI is also called Protein Quaking or HqkI. QKI is an RNA-binding protein that plays a central role in myelinization. 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, but is shown to be downregulated in the brain of schizophrenic patients. Anti-QKI (pan) is ideal for research in Neuroscience and Gene Expression.
Synonyms:	Protein quaking, Hqk, HqkI, QKI, KH Domain Containing, RNA Binding (QKI)
Host Species:	Mouse
Conjugate:	Streptavidin
Clonality:	Monoclonal
Clone ID:	S147-6
Format:	IgG2b

Target Details

Gene Name:	QKI
Reactivity:	H. sapiens (Human), Mus musculus (Mouse), Rattus (Rat)
Immunogen Type:	Recombinant Protein
Immunogen:	Anti-QKI (pan) Antibody was produced by repeated immunization of mice with a fusion protein containing amino acids 1-341 (full length) of human QKI-5.

Purity/Specificity:	Anti-QKI (pan) Antibody was purified from concentrated tissue culture supernate by Protein G chromatography. BLAST analysis suggests that it is 100% identical to mouse, 99% identical to rat and 90% identical to QKI-6, QKI-7 and QKI-7b.
Relevant Links:	• UniProtKB - Q96PU8 • GeneID - 9444 • NCBI - NP_006766.1

Application Details

Application Note:	Anti-QKI (pan) Streptavidin Conjugated Antibody is suitable for Western Blots, Immunohistochemistry and Immunocytochemistry. Expect a band approximately ~36-38kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IHC:	User Optimized
WB:	1:1000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.1% (w/v) Sodium Azide
Stabilizer:	50% (v/v) Glycerol

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

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