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Datasheet for 200-308-W79

QKI (pan) Antibody Phycoerythrin

Overview

Description:	Anti-QKI (pan) (MOUSE) Monoclonal Antibody Phycoerythrin Conjugated - 200-308-W79
Item No.:	200-308-W79
Size:	100 µg
Applications:	IHC, WB
Reactivity:	Human, Mouse, 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:	R-Phycoerythrin (RPE)
Clonality:	Monoclonal
Clone ID:	S147-6
Format:	IgG2b

Target Details

Gene Name:	QKI
Reactivity:	Human, Mouse, 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

Application Details

Tested Applications:	IHC, WB
Application Note:	Anti-QKI (pan) R-PE 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

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Conjugated antibodies should be stored according to the product label. Product stored in 95.64mM Phosphate, 2.48mM MES and 2mM EDTA.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.