

ARG64022 anti-QKI / Quaking antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes QKI / Quaking
Tested Reactivity	Ms
Predict Reactivity	Hu, Rat, Cow, Dog, Pig
Tested Application	WB
Specificity	This antibody is expected to recognise all reported isoforms (NP_006766.1; NP_996735.1; NP_996736.1; NP_996737.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	QKI / Quaking
Species	Human
Immunogen	ETKEKPKTPDY-C
Conjugation	Un-conjugated
Alternate Names	hqkl; Hqkl; Hqk; QK3; QK; Protein quaking; QK1

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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. Four transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2011]

Research Area

Gene Regulation antibody; Neuroscience antibody

Calculated Mw

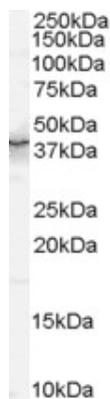
38 kDa

PTM

Methylated by PRMT1.

Tyrosine phosphorylated at its C-terminus, probably by FYN. Phosphorylation leads to decreased mRNA-binding affinity, affecting transport and/or stabilization of MBP mRNA (By similarity).

Images



ARG64022 anti-QKI / Quaking antibody WB image

Western blot: Mouse brain lysate (35 µg protein in RIPA buffer) stained with ARG64022 anti-QKI / Quaking antibody at 0.3 µg/ml dilution.