

ARG64022 anti-QKI / Quaking antibody

Package: 100 µg
Store at: -20°C

Summary

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| 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 | ETKEKPKPTPDY-C |
| Conjugation | Un-conjugated |
| Alternate Names | hqkl; Hqkl; Hqk; QK3; QK; Protein quaking; QK1 |

Application Instructions

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 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. | |

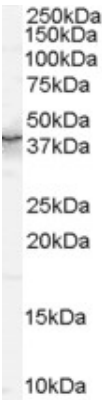
Properties

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| 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. |

Bioinformation

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| 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.