



## Goat anti-Quaking / QKI Antibody

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| <b>Item Number</b>     | dAP-0910   |
| <b>Target Molecule</b> | Principle Name: Quaking / QKI; Official Symbol: QKI; All Names and Symbols: QKI; quaking homolog, KH domain RNA binding; DKFZp586I0923; Hqk; QK; QK3 ; RNA binding protein HQK; homolog of mouse quaking QKI (KH domain RNA binding protein); quaking homolog, KH domain RNA binding; Accession Number (s): NP_006766.1; NP_996735.1; NP_996736.1; NP_996737.1; Human Gene ID(s): 9444; Non-Human GeneID(s): 19317 (mouse) |
| <b>Immunogen</b>       | ETKEKPKTPDY, is from N Terminus<br>This antibody is expected to recognise all reported isoforms (NP_006766.1; NP_996735.1; NP_996736.1; NP_996737.1).  |
| <b>Applications</b>    | Pep ELISA, WB<br><br>Species Tested: Mouse   |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Supplied As</b>     | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 64000.   |
| <b>Western Blot</b>    | Western Blot: Approx 38kDa band observed in mouse brain lysates (calculated MW of 35.8kDa according to NP_068681.1). Recommended concentration: 0.3-1µg/ml.  |
| <b>IHC</b>             |  |
| <b>Reference</b>       | Reference(s): Wu JI, Reed RB, Grabowski PJ, Artzt K. Function of quaking in myelination: regulation of alternative splicing. Proc Natl Acad Sci U S A. 2002 Apr 2;99(7):4233-8. Epub 2002 Mar 26. .PMID: 11917126 ->   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**