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Quaking Antibody

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

CATALOG NO.: 46-256

HOST:
Goat

CLONALITY:
Polyclonal

INFORMATION:
Quaking Antibody. This antibody is expected to recognise all reported isoforms (NP_006766.1; NP_996735.1; NP_996736.1; NP_996737.1).

SOURCE:
Quaking antibody was raised against a synthetic peptide of Quaking.

PROTEIN ACCESSION NUMBER(S) :
NP_006766.1, NP_996735.1, NP_996736.1, NP_996737.1

SPECIES REACTIVITY:
Human, Mouse, Rat, Dog

TESTED APPLICATION:
WB, E

APPLICATION:
Peptide ELISA: antibody detection limit dilution 1:64,000. 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.

PURIFICATION:
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:
0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Western blot analysis of Quaking in mouse brain lysate (35µg protein in RIPA buffer) using Quaking antibody (0.3µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

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.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.