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Datasheet

QKI polyclonal antibody

Catalog Number: PAB2543

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of QKI.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human QKI.

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Recommend Usage: Western Blot (1:1000)
Immunohistochemistry (1:10-50)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9444

Gene Symbol: QKI

Gene Alias: DKFZp586I0923, Hqk, QK, QK1, QK3

Gene Summary: QKI belongs to a family of RNA-binding proteins that have an HNRNPK (MIM 600712) homology (KH) domain embedded in a 200-amino acid region called the GSG domain. Other members of this family include SAM68 (KHDRBS1; MIM 602489) and SF1 (MIM 601516) (Chen and Richard, 1998 [PubMed 9671495]). QKI proteins regulate RNA splicing, export of target RNAs from the nucleus, translation of proteins, and RNA stability (Lauriat et al., 2008 [PubMed 17918747]).[supplied by OMIM]

References:

1. Rescuing qkV dysmyelination by a single isoform of the selective RNA-binding protein QKI. Zhao L, Tian D, Xia M, Macklin WB, Feng Y. J Neurosci. 2006 Nov 1;26(44):11278-86.
2. The human homolog of the QKI gene affected in the severe dysmyelination "quaking" mouse phenotype: downregulated in multiple brain regions in schizophrenia. Haroutunian V, Katsel P, Dracheva S, Davis KL. Am J Psychiatry. 2006 Oct;163(10):1834-7.
3. Human QKI, a potential regulator of mRNA expression of human oligodendrocyte-related genes involved in schizophrenia. Aberg K, Saetre P, Jareborg N, Jazin E. Proc Natl Acad Sci U S A. 2006 May 9;103(19):7482-7. Epub 2006 Apr 25.