



## Anti-QKI (aa 156-317) polyclonal antibody (DPABH-09208)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	RNA-binding protein that plays a central role in myelinization. Binds to the 5-NACUAAY-N(1,20)-UAAY-3 RNA core sequence. Acts by regulating pre-mRNA splicing, mRNA export, mRNA stability and protein translation. Required to protect and promote stability of mRNAs such as MBP and CDKN1B. Regulator of oligodendrocyte differentiation and maturation in the brain that may play a role in myelin and oligodendrocyte dysfunction in schizophrenia. Participates in mRNA transport by regulating the nuclear export of MBP mRNA. Also involved in regulation of mRNA splicing of MAG pre-mRNA. Acts as a translational repressor.
<b>Immunogen</b>	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 156-317 of Human QK1 (AAH19917).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, WB
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7
<b>Preservative</b>	None

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<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">QKI QKI, KH domain containing, RNA binding [ Homo sapiens ]</a>
<b>Official Symbol</b>	QKI
<b>Synonyms</b>	QKI; QKI, KH domain containing, RNA binding; QK; Hqk; QK1; QK3; hqkl; protein quaking; RNA binding protein HQK; quaking homolog, KH domain RNA binding; homolog of mouse quaking QKI (KH domain RNA binding protein);
<b>Entrez Gene ID</b>	<a href="#">9444</a>
<b>Protein Refseq</b>	<a href="#">NP_006766.1</a>
<b>UniProt ID</b>	<a href="#">Q96PU8</a>
<b>Pathway</b>	Diurnally regulated genes with circadian orthologs;
<b>Function</b>	SH3 domain binding; poly(A) RNA binding; protein binding;

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