



Anti-QKI (aa 6-17) polyclonal antibody (DPABH-17757)

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

PRODUCT INFORMATION

Antigen Description	RNA-binding protein that plays a central role in myelination. Binds to the 5'-NACUAAY-N(1,20)-UAAAY-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.
Specificity	DPABH-17757 is expected to recognise all reported isoforms of QK1.
Immunogen	Synthetic peptide: ETKEKPKPTPDY-C, corresponding to N terminal amino acids 6-17 of Human QK1 (NP_006766.1; NP_996735.1; NP_996736.1; NP_996737.1)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.5% BSA, Tris saline, pH 7.3

Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	QKI QKI, KH domain containing, RNA binding [Homo sapiens]
Official Symbol	QKI
Synonyms	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);
Entrez Gene ID	9444
Protein Refseq	NP_006766.1
UniProt ID	Q96PU8
Pathway	Diurnally regulated genes with circadian orthologs;
Function	SH3 domain binding; poly(A) RNA binding; protein binding;