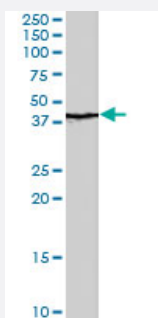


QKI polyclonal antibody

Catalog # PAB7106

Size 100 ug

Applications



Western Blot (Tissue lysate)

QKI polyclonal antibody (Cat # PAB7106) (0.3 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of QKI.
Immunogen	A synthetic peptide corresponding to human QKI.
Sequence	ETKEKPKPTPDY-C
Host	Goat
Theoretical MW (kDa)	37.7, 35.1, 36, 35.2
Reactivity	Mouse
Specificity	This antibody is expected to recognize all reported isoforms (NP_006766.1, NP_996735.1, NP_996736.1, NP_996737.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:64000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

QKI polyclonal antibody (Cat # PAB7106) (0.3 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — QKI

Entrez GeneID	9444
Protein Accession#	NP_006766.1 ; NP_996735.1 ; NP_996736.1 ; NP_996737.1
Gene Name	QKI
Gene Alias	DKFZp586I0923, Hqk, QK, QK1, QK3
Gene Description	quaking homolog, KH domain RNA binding (mouse)
Omim ID	609590
Gene Ontology	Hyperlink
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]
Other Designations	OTTHUMP00000017581 OTTHUMP00000017582 OTTHUMP00000017583 RNA binding protein HQK homolog of mouse quaking QKI (KH domain RNA binding protein) quaking homolog, KH domain RNA binding

Publication Reference

- [Function of quaking in myelination: regulation of alternative splicing.](#)

Wu JI, Reed RB, Grabowski PJ, Artzt K.

PNAS 2002 Apr; 99(7):4233.

Disease

- [Schizophrenia](#)