

## QKI Polyclonal Antibody

Catalog number: 13169-1-AP

Size: 20 µg/150 µl

Source: Rabbit

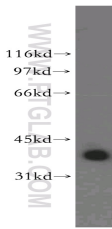
Isotype: IgG

Synonyms:

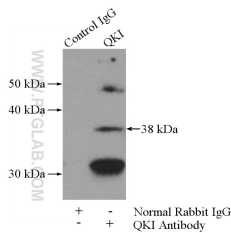
QKI; DKFZp586I0923, HKQ,

Hqk, Hqkl, Protein quaking,

QK, QK1, QK3, QKI



K-562 cells were subjected to SDS PAGE followed by western blot with 13169-1-AP(QKI antibody) at dilution of 1:400



IP Result of anti-QKI (IP:13169-1-AP, 4µg; Detection:13169-1-AP 1:400) with K-562 cells lysate 3600µg.

### Background

QKI belongs to a family of RNA-binding proteins, which have an HNRNPK homology (KH) domain embedded in a 200-amino acid region called the GSG domain. It involves in regulation of RNA splicing, export of target RNAs from the nucleus, translation of proteins, and RNA stability. Also it required to protect and promote stability of mRNAs such as MBP and CDKN1B. Beside, it acts as a regulator of oligodendrocyte differentiation and maturation in the brain that may play a role in myelin and oligodendrocyte dysfunction in schizophrenia.

### Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated QKI MW:	341aa, 38 kDa
Observed QKI MW:	38kd
Positive WB detected in	K-562 cells
Positive IP detected in	K-562 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3822
GenBank accession number:	BC019917
Gene ID (NCBI):	9444
Full name:	Quaking homolog, KH domain RNA binding (mouse)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.