

QK1 Rabbit mAb

Catalog No: #52537

Package Size: #52537-1 50ul #52537-2 100ul

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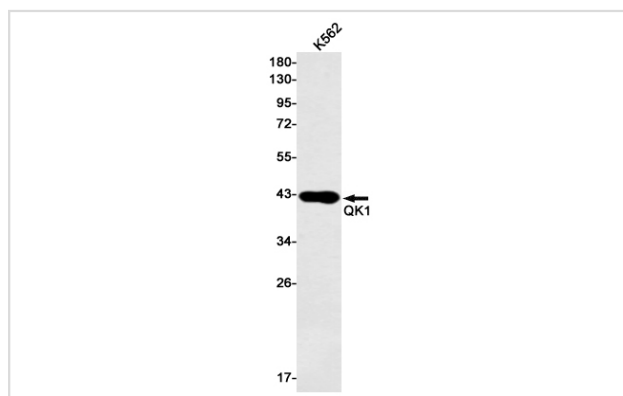
Description

Product Name	QK1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-3F7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human QK1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	QK; Hqk; QK1; QK3; hqkl
Accession No.	Swiss-Prot:Q96PU8GeneID:9444
Calculated MW	Calculated MW: 38 kDa; Observed MW: 38 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000-1/5000;

Images



Western blot detection of QK1 in K562 cell lysates using QK1 Rabbit mAb(1:1000 diluted). Predicted band size: 38kDa. Observed band size: 38kDa.

Background

Swiss-Prot Acc.Q96PU8.RNA-binding protein that plays a central role in myelination (PubMed:16641098). Binds to the 5'-NACUAAY-N(1,20)-UAAY-3' RNA core sequence. Regulates target mRNA stability (PubMed:23630077). In addition, acts by regulating pre-mRNA splicing, mRNA export 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 (PubMed:16641098). 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 .

Note: This product is for in vitro research use only and is not intended for use in humans or animals.