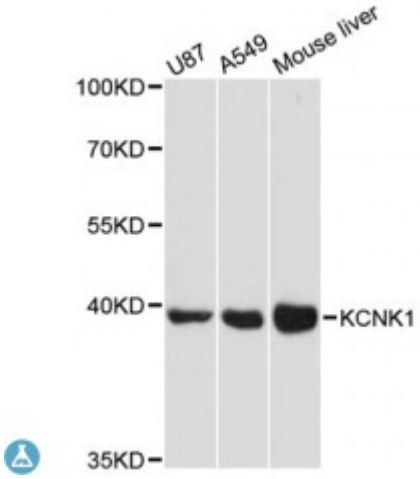
Anti-KCNK1 Antibody



Description	This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity.

Model	STJ114701
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 267-336 of human KCNK1 (NP_002236.1).
Gene ID	3775
Gene Symbol	KCNK1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Detected in bronchial epithelial cells
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Potassium channel subfamily K member 1 Inward rectifying potassium channel protein TWIK-1 Potassium channel K2P1 Potassium channel KCNO1
Molecular Weight	38.143 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6272OMIM:601745Reactome:R-HSA-1299308
Alternative Names	Potassium channel subfamily K member 1 Inward rectifying potassium channel protein TWIK-1 Potassium channel K2P1 Potassium channel KCNO1
Function	Ion channel that contributes to passive transmembrane potassium transport and to the regulation of the resting membrane potential in brain astrocytes, but also in kidney and in other tissues ,
Cellular Localization	Cell membrane,
Post-translational Modifications	Sumoylation is controversial, Sumoylated by UBE2I ,