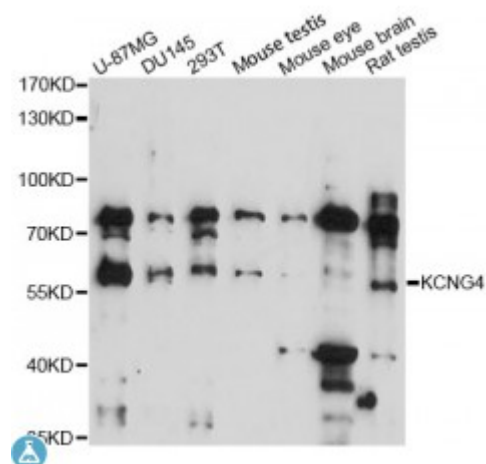


Anti-KCNG4 Antibody



Description

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member functions as a modulatory subunit. The gene has strong expression in brain. Multiple alternatively spliced variants have been found in normal and cancerous tissues.

Model	STJ116645
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human KCNG4 (NP_758857.1).
Gene ID	93107
Gene Symbol	KCNG4
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Highly expressed in brain, and at lower levels in liver, small intestine and colon
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Potassium voltage-gated channel subfamily G member 4 Voltage-gated potassium channel subunit Kv6.4
Molecular Weight	58.979 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:19697 OMIM:607603 Reactome:R-HSA-1296072
Alternative Names	Potassium voltage-gated channel subfamily G member 4 Voltage-gated potassium channel subunit Kv6.4
Function	Potassium channel subunit that does not form functional channels by itself, Can form functional heterotetrameric channels with KCNB1
Cellular Localization	Cell membrane,

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com