

Anti-KCNH6 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 H. This member is a pore-forming (alpha) subunit. Alternative splicing results in multiple transcript variants that encode different isoforms.

Model	STJ117717
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 70-220 of human KCNH6 (NP_110406.1).
Gene ID	81033
Gene Symbol	KCNH6
Dilution range	WB 1:200 - 1:2000
Tissue Specificity	Expressed in prolactin-secreting adenomas
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Potassium voltage-gated channel subfamily H member 6 Ether-a-go-go-

	related gene potassium channel 2 ERG-2 Eag-related protein 2 Ether-a-go-go-related protein 2 hERG-2 hERG2 Voltage-gated potassium channel subunit
Molecular Weight	109.925 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:18862 OMIM:608168 Reactome:R-HSA-1296072
Alternative Names	Potassium voltage-gated channel subfamily H member 6 Ether-a-go-go-related gene potassium channel 2 ERG-2 Eag-related protein 2 Ether-a-go-go-related protein 2 hERG-2 hERG2 Voltage-gated potassium channel subunit
Function	Pore-forming (alpha) subunit of voltage-gated potassium channel, Elicits a slowly activating, rectifying current , Channel properties may be modulated by cAMP and subunit assembly,
Cellular Localization	Membrane

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