Anti-KCNH3 antibody

Description	Rabbit polyclonal to KCNH3.

Model	STJ93822
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human KCNH3
Immunogen Region	470-550 aa, Internal
Gene ID	23416
Gene Symbol	KCNH3
Dilution range	WB 1:500-1:2000ELISA 1:40000
Specificity	KCNH3 Polyclonal Antibody detects endogenous levels of KCNH3 protein.
Tissue Specificity	Detected only in brain, in particular in the telencephalon. Detected in the cerebral cortex, occipital pole, frontal and temporal lobe, putamen, amygdala, hippocampus and caudate nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Potassium voltage-gated channel subfamily H member 3 Brain-specific eag-like channel 1 BEC1 Ether-a-go-go-like potassium channel 2 ELK channel 2 ELK2 Voltage-gated potassium channel subunit Kv12.2

Molecular Weight	120 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6252OMIM:604527
Alternative Names	Potassium voltage-gated channel subfamily H member 3 Brain-specific eag-like channel 1 BEC1 Ether-a-go-go-like potassium channel 2 ELK channel 2 ELK2 Voltage-gated potassium channel subunit Kv12.2
Function	Pore-forming (alpha) subunit of voltage-gated potassium channel. Elicits an outward current with fast inactivation. Channel properties may be modulated by cAMP and subunit assembly.
Sequence and Domain Family	The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.
Cellular Localization	Membrane. Multi-pass membrane protein.