

## Anti-KCNH3 antibody



<b>Description</b>	Rabbit polyclonal to KCNH3.
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<b>Model</b>	STJ93822
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human KCNH3
<b>Immunogen Region</b>	470-550 aa, Internal
<b>Gene ID</b>	<a href="#">23416</a>
<b>Gene Symbol</b>	<a href="#">KCNH3</a>
<b>Dilution range</b>	WB 1:500-1:2000ELISA 1:40000
<b>Specificity</b>	KCNH3 Polyclonal Antibody detects endogenous levels of KCNH3 protein.
<b>Tissue Specificity</b>	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.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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

<b>Molecular Weight</b>	120 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:6252</a> <a href="#">OMIM:604527</a>
<b>Alternative Names</b>	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
<b>Function</b>	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.
<b>Sequence and Domain Family</b>	The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.
<b>Cellular Localization</b>	Membrane. Multi-pass membrane protein.

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