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Kcnh8 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10831

Product Information

Application	WB
Primary Accession	P59111
Other Accession	NM_001031811, NP_001026981
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	123277

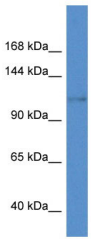
Additional Information

Gene ID	211468
Alias Symbol	C130090D05Rik, ELK, ELK1, ELK3, Kv12.1
Other Names	Potassium voltage-gated channel subfamily H member 8, Ether-a-go-go-like potassium channel 3, ELK channel 3, ELK3, Voltage-gated potassium channel subunit Kv12.1, Kcnh8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Kcnh8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Kcnh8 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Kcnh8 {ECO:0000312|MGI:MGI:2445160}
Function	Pore-forming (alpha) subunit of a voltage-gated delayed rectifier potassium channel that mediates outward-rectifying potassium currents. Elicits a slowly activating, non-inactivating and slowly deactivation outwards potassium current at depolarizating voltages from -30 mV to +50mV. Shows no obvious change in the activation rate from different holding potentials. Activation is strongly dependent on the pH of the external solution.
Cellular Location	Membrane; Multi-pass membrane protein

Images



WB Suggested Anti-Kcnh8 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart