10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KCNH6 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10847

Product Information

Application	WB
Primary Accession	Q9H252
Other Accession	NM_030779, NP_110406
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	106425

Additional Information

Gene ID	81033
Alias Symbol	ERG2, HERG2, Kv11.2
Other 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 Kv11.2, KCNH6, ERG2
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-KCNH6 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	KCNH6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

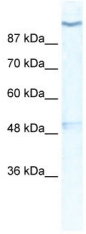
Name	KCNH6 (HGNC:18862)
Synonyms	ERG2
Function	Pore-forming (alpha) subunit of voltage-gated inwardly rectifying potassium channel. Characterized by unusual gating kinetics by producing relatively small outward currents during membrane depolarization and large inward currents during subsequent repolarization which reflect a rapid inactivation during depolarization and quick recovery from inactivation but slow deactivation (closing) during repolarization. Activates even more slowly than

	KCNH2.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q12809}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q12809}
Tissue Location	Expressed in prolactin-secreting adenomas.

References

Bauer,C.K., et al., (2003) Pflugers Arch. 445 (5), 589-600Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-KCNH6 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: HepG2 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.