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

KCNH3 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10805

Specification

KCNH3 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q9ULD8
Other Accession	NM_012284, NP_036416
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog**
Predicted	**Human, Rat, Pig, Horse, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**117kDa KDa**

KCNH3 antibody - middle region - Additional Information

Gene ID 23416

Alias Symbol	**BEC1, ELK2, KIAA1282, Kv12.2**

Other 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, KCNH3, KIAA1282

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-KCNH3 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
KCNH3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

KCNH3 antibody - middle region - Protein Information

Name KCNH3

Synonyms KIAA1282

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.

Cellular Location

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Membrane; Multi-pass membrane protein.

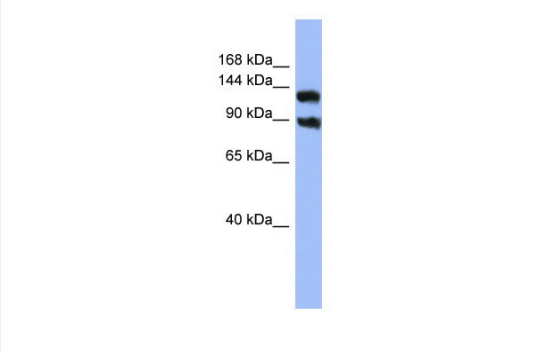
Tissue Location
Detected only in brain, in particular in the telencephalon. Detected in the cerebral cortex, occipital pole, frontal and temporal lobe, putamen, amygdala, hippocampus and caudate nucleus

KCNH3 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KCNH3 antibody - middle region - Images



WB Suggested Anti-KCNH3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: OVCAR-3 cell lysate