10320 Camino Santa Fe, Suite G
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# KCNH3 antibody - N-terminal region
**Rabbit Polyclonal Antibody**
**Catalog # AI10804**

## Specification

### KCNH3 antibody - N-terminal region - Product Information

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

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

### KCNH3 antibody - N-terminal 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.

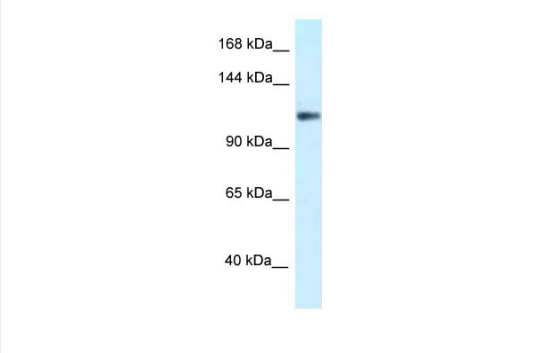
**Tissue Location**
Detected only in brain, in particular in the telencephalon. Detected in the cerebral cortex, occipital pole, frontal and temporal lobe, putamen, amygdala, hippocampus and caudate nucleus

## KCNH3 antibody - N-terminal 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 - N-terminal region - Images




WB Suggested Anti-KCNH3 Antibody Titration: 1.0 µg/ml
Positive Control: COLO205 Whole Cell