

## Datasheet

### KCNC4 polyclonal antibody

**Catalog Number:** PAB20762

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against recombinant KCNC4.

**Immunogen:** Recombinant protein corresponding to amino acids of human KCNC4.

**Sequence:**

ISSVCVSSYGRKSGNKPPSKTCLKEEMAKGEASEKIII  
NVGGTRHETYRSTLRTLPGTRLAWLADPD

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IHC-P

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Antigen affinity purification

**Isotype:** IgG

**Recommend Usage:** Immunohistochemistry

(1:50-1:200)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3749

**Gene Symbol:** KCNC4

**Gene Alias:** HKSHIIC, KSHIIC, KV3.4, MGC126818

**Gene Summary:** The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]