

## 兔抗 KCNA5 多克隆抗体

- 中文名称：兔抗 KCNA5 多克隆抗体
- 英文名称：Anti-KCNA5 rabbit polyclonal antibody
- 别名：HK2, HCK1, PCN1, ATFB7, HPCN1, KV1.5
- 抗原：KCNA5
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 相关类别：一抗
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

### 技术规格

**Background:**

Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - *shaker*, *shaw*, *shab*, and *shal* - have been identified in *Drosophila*, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member contains six membrane-s

	panning domains with a shaker-type repeat in the fourth segment. It belongs to the delayed rectifier class, the function of which could restore the resting membrane potential of beta cells after depolarization and thereby contribute to the regulation of insulin secretion. This gene is intronless, and the gene is clustered with genes KCNA1 and KCNA6 on chromosome 12. Defects in this gene are a cause of familial atrial fibrillation type 7 (ATFB7).
<b>Applications:</b>	ELISA, WB
<b>Name of antibody:</b>	KCNA5
<b>Immunogen:</b>	Fusion protein of human KCNA5
<b>Full name:</b>	potassium voltage-gated channel, shaker-related subfamily, member 5
<b>Synonyms :</b>	HK2, HCK1, PCN1, ATFB7, HPCN1, KV1.5
<b>SwissProt:</b>	P22460
<b>ELISA Recommended dilution:</b>	1000-2000
<b>WB Predicted band size:</b>	67 kDa
<b>WB Positive control:</b>	Mouse heart tissue
<b>WB Recommended dilution:</b>	200-1000

