

# Anti-kir 6.1 Antibody

## ER1911-90



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human, Mouse, Rat, Chicken, Pig, Cow, Rabbit
<b>Applications:</b>	WB, ELISA
<b>Molecular Wt:</b>	48 KDa

**Description:** This potassium channel is controlled by G proteins. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by external barium (By similarity).

**Immunogen:** KLH conjugated synthetic peptide derived from human kir 6.1 61-160/424

**Positive control:** Predominantly detected in fetal and adult heart.

**Subcellular location:** Membrane; Multi-pass membrane protein.

**Database links:** SwissProt: Q15842 Human

**Recommended Dilutions:**

<b>WB</b>	1:500-2000
<b>ELISA</b>	1:5000-10000

**Storage Buffer:** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**Storage Instruction:** Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

**Purity:** Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

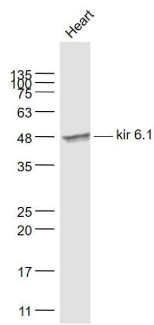
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## Images

**Fig1: Sample:**

Heart(Rat) Lysate at 40 ug

Primary: Anti- kir 6.1 (ER1911-90) at 1/1000 dilution

Secondary: Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 48 kD

Observed band size: 48 kD

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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