

**KIR2.3 Polyclonal Antibody**  
**Catalog # AP70657****Specification**

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**KIR2.3 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P48050</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**KIR2.3 Polyclonal Antibody - Additional Information****Gene ID** 3761**Other Names**

KCNJ4; IRK3; Inward rectifier potassium channel 4; HIRK2; HRK1; Hippocampal inward rectifier; HIR; Inward rectifier K(+) channel Kir2.3; IRK-3; Potassium channel; inwardly rectifying subfamily J member 4

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**KIR2.3 Polyclonal Antibody - Protein Information****Name** KCNJ4**Synonyms** IRK3**Function**

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 extracellular barium and cesium (By similarity).

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Postsynaptic cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane. Note=TAX1BP3 binding promotes dissociation of KCNJ4 from LIN7 family members and KCNJ4 internalization.

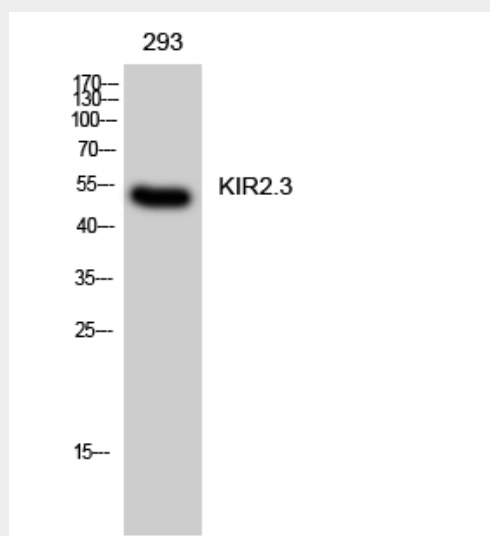
**Tissue Location**

Heart, skeletal muscle, and several different brain regions including the hippocampus

**KIR2.3 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**KIR2.3 Polyclonal Antibody - Images****KIR2.3 Polyclonal Antibody - Background**

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