

Product datasheet for **TA386868**

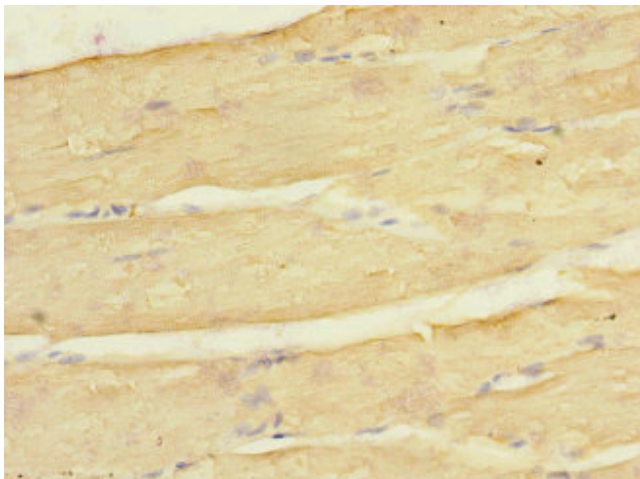
KCNJ4 Rabbit Polyclonal Antibody

Product data:

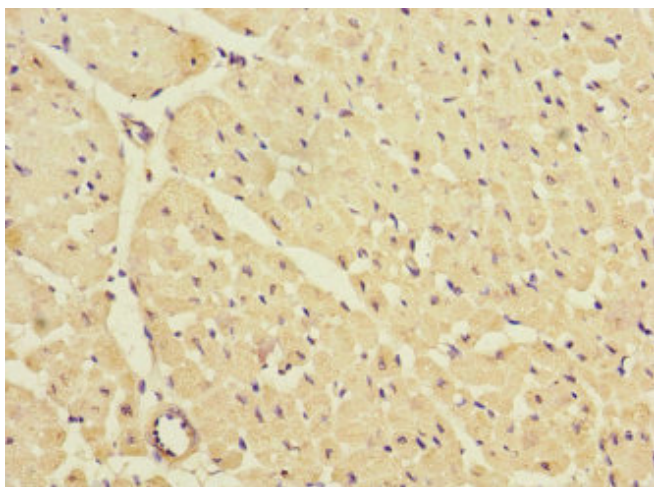
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Inward rectifier potassium channel 4 protein (316-445AA)
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Antigen Affinity Purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	P48050
Background:	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).



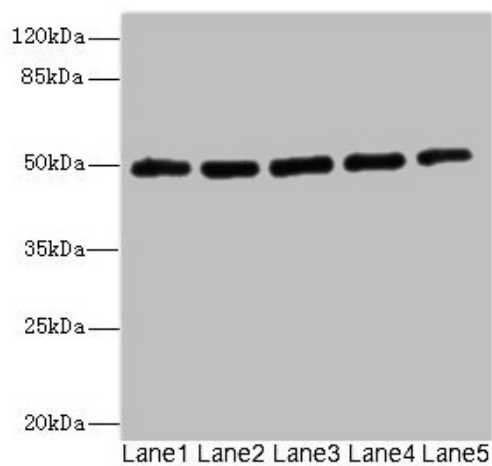
[View online »](#)

Product images:

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using TA386868 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human heart tissue using TA386868 at dilution of 1:100

**Western blot**

All lanes: KCNJ4 antibody at 2.04 μ g/ml

Lane 1: HeLa whole cell lysate

Lane 2: 293T whole cell lysate

Lane 3: HepG2 whole cell lysate

Lane 4: Jurkat whole cell lysate

Lane 5: MCF-7 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 50 kDa

Observed band size: 50 kDa