

Anti-KCNJ18 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 43 kDa. Actual: 27 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Lane 1: Recombinant human KCNJ18 protein, C-His Primary: Anti-KCNJ18 (TMAB-07935) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 27 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human KCNJ18 protein
Antigen Species:	Human
Gene ID:	100134444
Uniprot ID:	B7U540

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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