Product Name: IRK14 Rabbit Polyclonal Antibody
Catalog #: APRab12754

Summary

Production Name	IRK14 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	KCNJ14 IRK4
Alternative Names	
Gene ID	3770.0
SwissProt ID	Q9UNX9.Synthesized peptide derived from human protein . at AA range: 350-430

Application

Dilution Ratio	WB 1:500-2000 ELISA 1:5000-20000
Molecular Weight	47kD

Background

Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel, and

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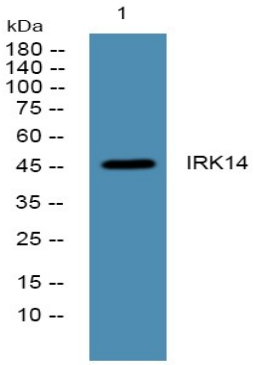
probably has a role in controlling the excitability of motor neurons. [provided by RefSeq, Feb 2013],function:Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration 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. KCNJ14 gives rise to low-conductance channels with a low affinity to the channel blockers Barium and Cesium.,similarity:Belongs to the inward rectifier-type potassium channel family.,tissue specificity:Expressed preferentially in retina.,

Research Area

Image Data



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4°over night

Note

For research use only.