



# IRK13 rabbit pAb

Cat No.:ES9755

For research use only

## Overview

<b>Product Name</b>	IRK13 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	IRK13 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Inward rectifier potassium channel 13 (Inward rectifier K(+) channel Kir7.1) (Potassium channel, inwardly rectifying subfamily J member 13)
<b>Gene Name</b>	KCNJ13
<b>Cellular localization</b>	Membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	39kD
<b>Human Gene ID</b>	3769
<b>Human Swiss-Prot Number</b>	O60928
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a member of the inwardly rectifying potassium channel family of proteins. Members of this family form ion channel pores that allow potassium ions to pass into a cell. The encoded protein belongs to a subfamily of low signal channel conductance proteins that have a low dependence on potassium concentration. Mutations

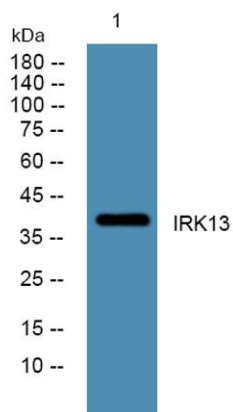




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in this gene are associated with snowflake vitreoretinal degeneration. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010],

Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night



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