ELK Biotechnology

KIR3.2 rabbit pAb

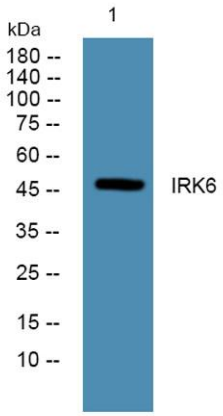
Cat No.:ES15302

For research use only

Overview

Product Name	KIR3.2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB
Species Cross-Reactivity	Human; Mouse; Rat
Recommended dilutions	IHC-p 1:50-200, WB 1:500-2000
Immunogen	Synthesized peptide derived from human KIR3.2
Specificity	This antibody detects endogenous levels of human KIR3.2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	KIR3.2
Gene Name	KCNJ6 GIRK2 KATP2 KCNJ7
Cellular localization	Membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	48kD
Human Gene ID	3763
Human Swiss-Prot Number	P48051
Alternative Names	G protein-activated inward rectifier potassium channel 2 (GIRK-2;BIR1;Inward rectifier K(+) channel Kir3.2;KATP-2;Potassium channel, inwardly rectifying subfamily J member 6)
Background	This gene encodes a member of the G protein-coupled inwardly-rectifying potassium channel family of inward rectifier potassium channels. This type of potassium channel allows a greater flow of potassium into the cell than out of it. These proteins modulate many physiological processes, including heart rate in cardiac cells and

circuit activity in neuronal cells, through G-protein coupled receptor stimulation. Mutations in this gene are associated with Keppen-Lubinsky Syndrome, a rare condition characterized by severe developmental delay, facial dysmorphism, and intellectual disability. [provided by RefSeq, Apr 2015],



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

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