

Kcnj2 monoclonal antibody, clone S112

Catalog # MAB6657

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of Kcnj2.
Immunogen	A synthetic peptide corresponding to amino acids 390-411 of mouse Kcnj2.
Host	Mouse
Reactivity	Mouse, Rat
Specificity	Detects ~55KDa. No cross-reactivity against Kir2.2 or Kir2.3.
Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (1-10 ug/mL) Immunocytochemistry (0.1-1.0 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry

Gene Info — Kcnj2

Entrez GeneID	16518
Protein Accession#	NP_032451
Gene Name	Kcnj2
Gene Alias	IRK1, Kcnf1, Kir2.1
Gene Description	potassium inwardly-rectifying channel, subfamily J, member 2
Gene Ontology	Hyperlink
Gene Summary	subfamily J
Other Designations	OTTMUSP00000003316 potassium inwardly-rectifying channel J2

Publication Reference

- [Congenital long QT syndrome.](#)

Crotti L, Celano G, Dagradi F, Schwartz PJ.

Orphanet Journal of Rare Diseases 2008 Jul; 3:18.

- [Ca\(V\)1.2 calcium channel dysfunction causes a multisystem disorder including arrhythmia and autism.](#)

Splawski I, Timothy KW, Sharpe LM, Decher N, Kumar P, Bloise R, Napolitano C, Schwartz PJ, Joseph RM, Condouris K, Tager-Flusberg H, Priori SG, Sanguinetti MC, Keating MT.

Cell 2004 Oct; 119(1):19.