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Product datasheet for AP52312PU-N

KCNJ8 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**Peptide ELISA:** 1/1000. **Western Blot:** 1/1000. **Immunohistochemistry on Paraffin Sections:** 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 4-33 amino acids from the N-terminal region of human KCNJ8
Specificity:	This antibody recognizes Human KCNJ8 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	potassium voltage-gated channel subfamily J member 8
Database Link:	Entrez Gene 3764 Human Q15842

View online »

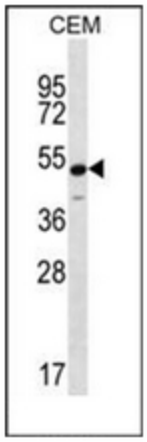
Background: Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins. [provided by RefSeq].

Synonyms: Kir6.1, uKATP-1

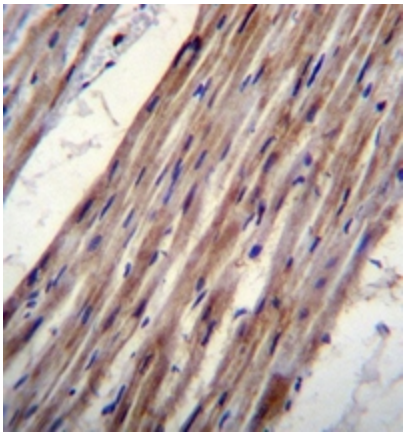
Note: **Molecular Weight:** 47968 Da

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:



Western blot analysis of KCNJ8 Antibody (N-term) in CEM cell line lysates (35ug/lane). This demonstrates the KCNJ8 antibody detected the KCNJ8 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue reacted with KCNJ8 Antibody (N-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining.