

Product datasheet for **AP52310PU-N**

Kir7.1 (KCNJ13) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 74-103 amino acids from the N-terminal region of human KCNJ13
Specificity:	This antibody recognizes Human KCNJ13 (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 13
Database Link:	Entrez Gene 3769 Human O60928



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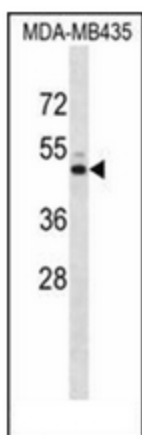
Background: This gene encodes a member of the inwardly rectifying potassium channel family of proteins. Members of this family form ion channel pores that allow potassium ions to pass into a cell. The encoded protein belongs to a subfamily of low signal channel conductance proteins that have a low dependence on potassium concentration. Mutations in this gene are associated with snowflake vitreoretinal degeneration. Alternate splicing results in multiple transcript variants.

Synonyms: Inward rectifier K(+) channel Kir7.1

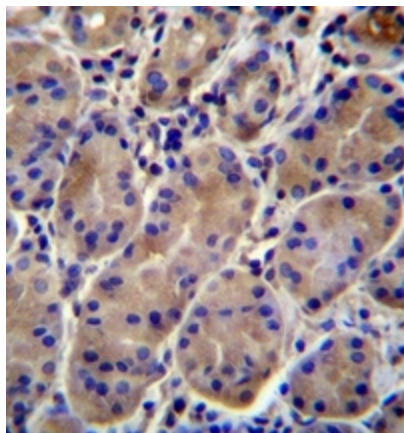
Note: **Molecular Weight:** 40530 Da

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

Product images:



Western blot analysis of KCNJ13 Antibody (N-term) in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the KCNJ13 antibody detected the KCNJ13 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue reacted with KCNJ13 Antibody (N-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining.