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## Datasheet for ABIN953008 anti-KCNJ13 antibody (N-Term)

2 Images



### Overview

Quantity:	0.4 mL
Target:	KCNJ13
Binding Specificity:	AA 74-103, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 74-103 amino acids from the N-terminal region of human KCNJ13
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human KCNJ13 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

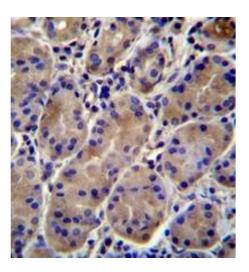
## Target Details

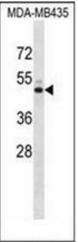
Target:	KCNJ13
Alternative Name:	KCNJ13 (KCNJ13 Products)

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Target Details	
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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, Inward rectifier potassium channel 13,
	Potassium channel inwardly rectifying subfamily J member 13
Molecular Weight:	40530 Da
Gene ID:	3769
NCBI Accession:	NP_001165887
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.





#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue reacted with KCNJ13 Antibody (N-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.

### Western Blotting

**Image 2.** 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).

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