

## ARG64170 anti-KCNC3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes KCNC3
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	KCNC3
Species	Human
Immunogen	C-KPGPPSFLPDLNAN
Conjugation	Un-conjugated
Alternate Names	KSHIID; KV3.3; SCA13; Voltage-gated potassium channel subunit Kv3.3; Potassium voltage-gated channel subfamily C member 3

### Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 3748 Human](#)

[Swiss-port # Q14003 Human](#)

### Background

The Shaker gene family of *Drosophila* encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. [provided by RefSeq, Jul 2008]

### Research Area

Neuroscience antibody

### Calculated Mw

81 kDa

### PTM

N-glycosylated.

## Images

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ARG64170 anti-KCNC3 antibody WB image

Western Blot: human brain (Frontal Cortex) lysate (35  $\mu$ g protein in RIPA buffer) stained with ARG64170 anti-KCNC3 antibody at 0.3  $\mu$ g/ml dilution.