



# Anti-KCNK3 polyclonal antibody (CABT-BL2008)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Immunogen	Recombinant protein corresponding to amino acids of human KCNK3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	IHC
Format	Liquid
Buffer	In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

Introduction	KCNK3 encodes one of the members of the superfamily of potassium channel proteins containing two pore forming P domains. The gene product is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid sensitive potassium channel, it is activated by the anesthetics halothane
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and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">3777</a>
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Protein Refseq	<a href="#">NP_002237</a>
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UniProt ID	<a href="#">O14649</a>
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