

Datasheet for ABIN651145
anti-KCNG3 antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	KCNG3
Binding Specificity:	AA 6-34, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This KCNG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-34 amino acids from the N-terminal region of human KCNG3.
Clone:	RB25547
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNG3
Alternative Name:	KCNG3 (KCNG3 Products)
Background:	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion

Target Details

channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member is a gamma subunit functioning as a modulatory molecule.

Molecular Weight: 49593

Gene ID: 170850

NCBI Accession: [NP_579875](#), [NP_758847](#)

UniProt: [Q8TAE7](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

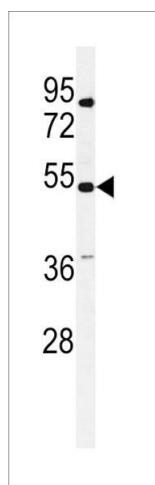
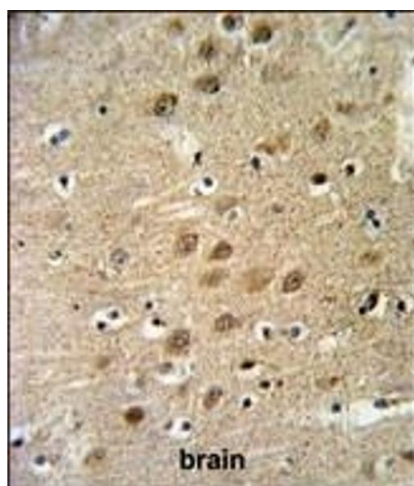
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. KCNG3 Antibody (N-term) (ABIN651145 and ABIN2840097) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KCNG3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of KCNG3 Antibody (N-term) (ABIN651145 and ABIN2840097) in mouse liver tissue lysates (35 µg/lane). KCNG3 (arrow) was detected using the purified Pab.