

Datasheet for ABIN784577
anti-KCNC2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	KCNC2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated Remarks: Antigen Modification: C-Terminus
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total Potassium Channel Kv3.2b protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	KCNC2
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Target Details

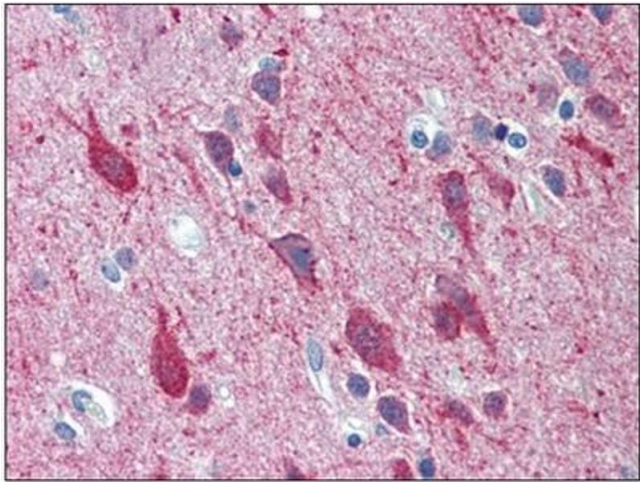
Alternative Name:	KCNC2 (KCNC2 Products)
Background:	Potassium channels contribute to maintaining cell volume, membrane potential, neuronal excitability and the secretion of transmitters, salt and hormones. Two families of potassium channels have been identified. One family includes the inwardly rectifying potassium channels whereas, the other family includes: voltage sensing (KV), big conductance, calcium activated (BKca), and small conductance, calcium activated (SK) potassium channels. Kv3.2 functions as a delayed rectifier type K ⁺ channel activated by large membrane depolarizations. Synonyms: Potassium voltage-gated channel subfamily C member 2, Voltage-gated potassium channel Kv3.2
Gene ID:	3747
NCBI Accession:	NP_631874

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

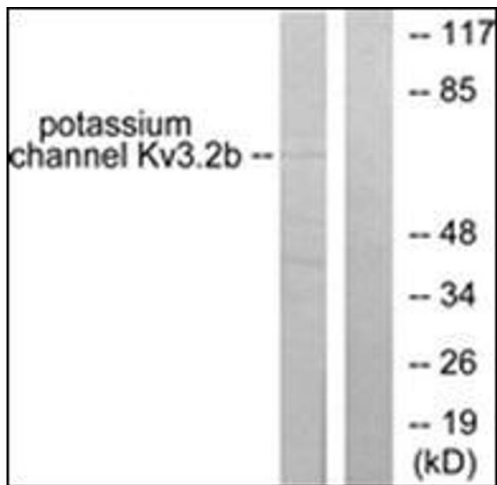
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM Sodium Chloride, 0.02 % Sodium Azide and 50 % Glycerol
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:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C. Avoid freeze-thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 2. Western blot analysis of extracts from HepG2 cells, using KCNC2 antibody. The lane on the right is treated with the synthesized peptide.