

Datasheet for ABIN7182490

anti-KCNC2 antibody**3** Images[Go to Product page](#)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | KCNC2 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KCNC2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Synthesized peptide derived from Human Potassium Channel Kv3. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

Target Details

| | |
|-------------------|--|
| Target: | KCNC2 |
| Alternative Name: | KCNC2 (KCNC2 Products) |
| Background: | Background: Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which |

Target Details

potassium ions may pass in accordance with their electrochemical gradient. Channel properties are modulated by subunit assembly By similarity.

Lizhen Yan, Mol. Pharmacol., May 2005, 67: 1513 - 1521.

Bart A. Jessen, Toxicol. Sci., Sep 2003, 75: 208 - 222.

Qingwei Deng, J. Neurosci., Dec 2005, 25: 11531 - 11541.

Shuk Yin M. Yeung, J. Neurosci., Sep 2005, 25: 8735 - 8745.

Aliases: KCNC2Potassium voltage-gated channel subfamily C member 2 antibody, Shaw-like potassium channel antibody, Voltage-gated potassium channel Kv3.2 antibody

UniProt: [Q96PR1](#)

Application Details

Application Notes: WB:1:500-1:3000, IHC:1:50-1:100, IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

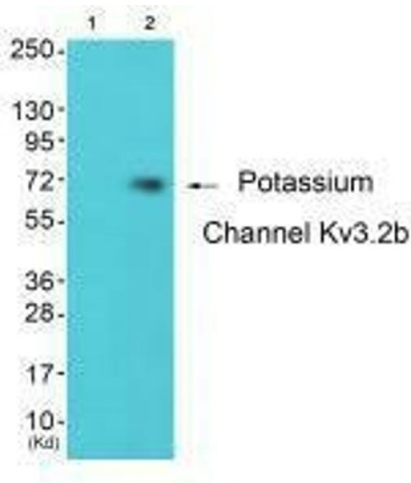
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



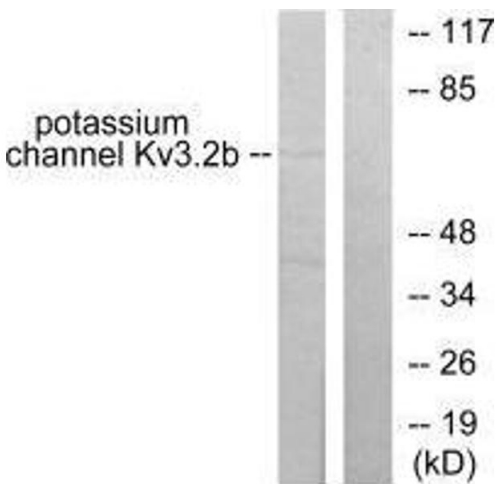
Western Blotting

Image 1. Western blot analysis of extracts from 293 cells (Lane 2), using Potassium Channel Kv3.2b antibody. The lane on the left is treated with synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human brain tissue using Potassium Channel Kv3.2b antibody.



Western Blotting

Image 3. Western blot analysis of extracts from HepG2 cells, using Potassium Channel Kv3.2b antibody.