

Datasheet for ABIN7644622
anti-KCNJ10 antibody



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Overview

Quantity:	100 µL
Target:	KCNJ10
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KCNJ10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Potassium Inwardly Rectifying Channel Subfamily J, Member 10 (KCNJ10)
Clone:	C2
Specificity:	The antibody is a mouse monoclonal antibody raised against KCNJ10. It has been selected for its ability to recognize KCNJ10 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	KCNJ10
Alternative Name:	KCNJ10 (KCNJ10 Products)

Target Details

Background: Kir4.1, Kir1.2, ATP-sensitive inward rectifier potassium channel 10, ATP-dependent inwardly rectifying potassium channel Kir4.1, Inward rectifier K(+) channel Kir1.2

UniProt: [P78508](#)

Pathways: [Dicarboxylic Acid Transport](#), [Regulation of long-term Neuronal Synaptic Plasticity](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200 Immunocytochemistry: 5-20 µg/mL, 1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.

Preservative: Dithiothreitol (DTT), ProClin

Precaution of Use: This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.