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Datasheet for ABIN7043473 anti-KCNJ11 antibody (C-Term, Intracellular)



2 Images



Quantity:	25 µL
Target:	KCNJ11
Binding Specificity:	AA 372-385, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)SVAVAKAKPKFSIS, corresponding to amino acid residues 372-385 of rat Kir6.2
Isotype:	lgG
Cross-Reactivity (Details):	The antibody is specific for Kir6.2 and does not cross react with Kir6.1.
Characteristics:	Anti-Kir6.2 Antibody (ABIN7043473, ABIN7044922 and ABIN7044923)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot, immunocytochemistry, and immunohistochemistry applications. It has been designed to recognize Kir6.2 from human, rat, and mouse samples. The antibody is specific for Kir6.2 and does not cross react with Kir6.1.

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Product Details

Purification:

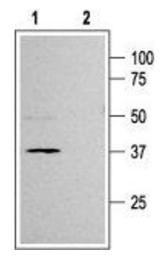
Affinity purified on immobilized antigen.

Target Details

Target:	KCNJ11
Alternative Name:	Kir6.2 (KCNJ11 Products)
Background:	Alternative names: Kir6.2, Inward rectifier K+ channel Kir6.2, ATP-sensitive inward rectifier potassium channel 11, KCNJ11, BIR, TNDM3
Gene ID:	83535
NCBI Accession:	NM_000525
UniProt:	P70673
Pathways:	Negative Regulation of Hormone Secretion
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	25 μL , 50 μL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.6 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperatur Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and

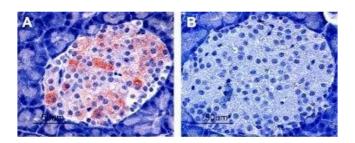
International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN7043473 | 09/10/2023 | Copyright antibodies-online. All rights reserved. thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

Images



Western Blotting

Image 1. Western blot analysis of rat pancreas membranes:
1. Anti-Kir6.2 Antibody (ABIN7043473, ABIN7044922 and ABIN7044923), (1:200).
2. Anti-Kir6.2 Antibody, preincubated with Kir6.2 Blocking Peptide (#BLP-PC020).



Immunohistochemistry

Image 2. Expression of Kir6.2 in rat pancreas -Immunohistochemical staining of rat pancreas using Anti-Kir6.2 Antibody (ABIN7043473, ABIN7044922 and ABIN7044923). A. Strong granular staining in a number of cells within the Islets of Langerhans is readily detected (red). B. The negative control slide shows no staining.