.-online.com antibodies

Datasheet for ABIN2776235 anti-Kir2.2 antibody (Middle Region)

10 Images



Overview

Quantity:	100 µL
Target:	Kir2.2 (KCNJ12)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kir2.2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Alternative Name:

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KCNJ12
Sequence:	KDLVENKFLL PSANSFCYEN ELAFLSRDEE DEADGDQDGR SRDGLSPQAR
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against KCNJ12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	Kir2.2 (KCNJ12)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN2776235 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

KCNJ12 (KCNJ12 Products)

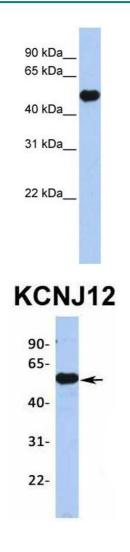
Target Details	
Background:	KCNJ12 is an inwardly rectifying K+ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (IK1). This gene is located within the Smith-Magenis syndrome region on chromosome 17. This gene encodes an inwardly rectifying K+ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (IK1). The gene is located within the Smith-Magenis syndrome region on chromosome 17. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-486 BC027982.1 12-497 487-488 AC068418.5 101651-101652 489-2455 BC027982.1 500-2466 2456-2483 DA115102.1 132-159 2484-2485 AC068418.5 141899-141900 2486-2889 DA115102.1 161-564 2890-3454 BM799671.1 118-682 3455-3457 AC068418.5 142870-142872 3458-4692 AK024229.1 926-2160 4693-5230 AK024229.1 2163-2700 Alias Symbols: FLJ14167, IRK2, KCNJN1, Kir2.2, Kir2.2v, hIRK, hIRK1, hkir2.2x, kcnj12x, IRK-2 Protein Interaction Partner: UBC, LIN7C, LIN7B, DLG2, LIN7A, DLG4, APBA1, ABLIM1, PRKACA, DTNA, SNTA1, DLG1, SNTB2, SNTB1, DMD, DLG3, CASK, MPP6, Protein Size: 433
Molecular Weight:	49 kDa
Gene ID:	3768
NCBI Accession:	NM_021012, NP_066292
UniProt:	Q14500
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 433 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN2776235 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



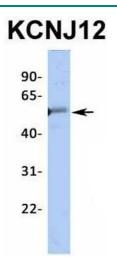
Western Blotting

Image 1. WB Suggested Anti-KCNJ12 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain

Western Blotting

Image 2. Host: Rabbit Target Name: KCNJ12 Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN2776235 | 09/11/2023 | Copyright antibodies-online. All rights reserved.



Western Blotting

Image 3. Host: Rabbit Target Name: KCNJ12 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

Please check the product details page for more images. Overall 10 images are available for ABIN2776235.