Datasheet for ABIN1532705

anti-KCNJ11 antibody (AA 190-239)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	KCNJ11
Binding Specificity:	AA 190-239
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Kir6.2.
Isotype:	IgG
Specificity:	Kir6.2 Antibody detects endogenous levels of total Kir6.2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	KCNJ11
Alternative Name:	Kir6.2 (KCNJ11 Products)
Background:	Synonyms: ATP-sensitive inward rectifier potassium channel 11, IKATP, IRK11, Inward rectifier

Target Details

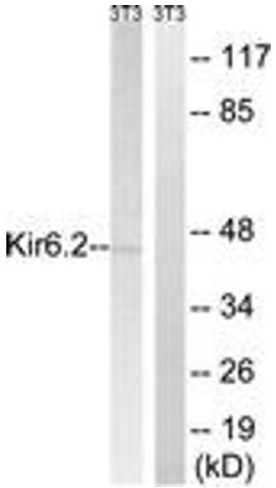
	K channel Kir6.2, KCNJ11, Potassium channel inwardly rectifying subfamily J member 11 NCBI Gene Symbol: KCNJ11
Molecular Weight:	43 kDa
Gene ID:	3767
OMIM:	600937
UniProt:	Q14654
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.248141 (NCBI Gene Symbol: KCNJ11)
Restrictions:	For Research Use only

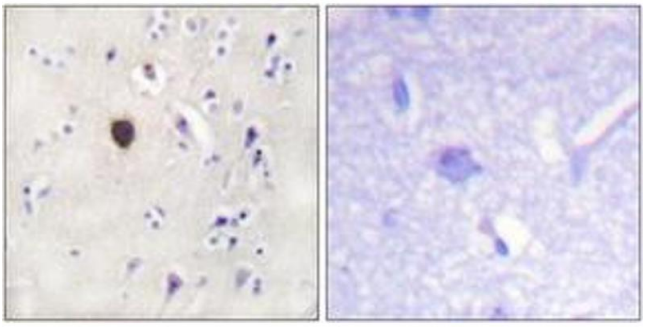
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



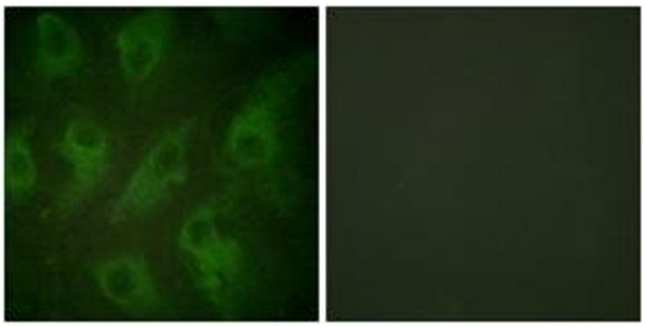
Western Blotting

Image 1. Western blot analysis of extracts from 3T3 cells, using Kir6.2 (Ab-224) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Kir6.2 (Ab-224) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells, using Kir6.2 (Ab-224) Antibody. The picture on the right is treated with the synthesized peptide.