

Anti-Kir6.2 (Ab-224) Polyclonal Antibody



Catalog No.	Size
A200107-01	50 µl
A200107-02	100 µl

Specificity	Anti-Kir6.2 (Ab-224) (human mouse)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q14654

Other Names: ATP-sensitive inward rectifier potassium channel 11, IKATP, IRK11, Inward rectifier K channel Kir6.2, KCNJ11, Potassium channel, inwardly rectifying, subfamily J, member 11

Specificity and Sensitivity

Kir6.2 (Ab-224) antibody detects endogenous levels of total Kir6.2 protein.

Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human Kir6.2 around the phosphorylation site of threonine 224 (K-T-T^P-S-P).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100

IF: 1:100~1:500 ELISA: 1:10000

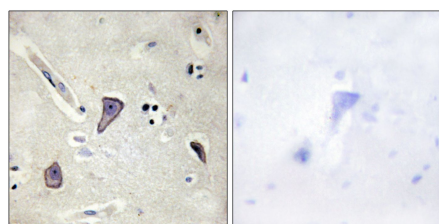
Storage Buffer

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

Storage Instructions

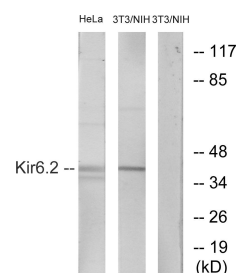
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Peptide - +

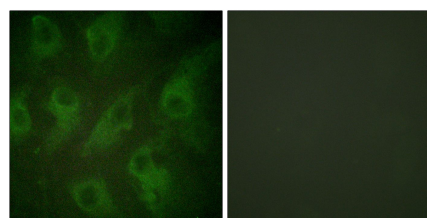
Immunohistochemistry analysis of paraffin-embedded human brain tissue using Kir6.2 (Ab-224) antibody.



heat shock + + +

Peptide - - +

Western blot analysis of extracts from HeLa cells and NIH-3T3 cells, treated with heat shock, using Kir6.2 (Ab-224) antibody.



Peptide - +

Immunofluorescence analysis of HeLa cells, using Kir6.2 (Ab-224) antibody.