

anti-Human, Mouse Kir6.2 Antibody | anti-Kir6.2 antibody

Kir6.2 (Ab-224) Antibody

CATALOG # AAA109293	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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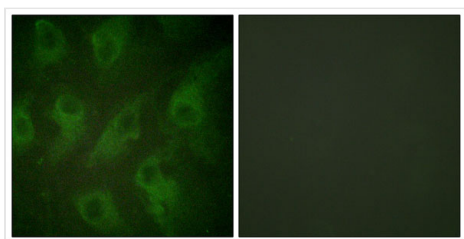
PRODUCT SYNONYMS

Kir6.2; Kir6.2 (Ab-224) Antibody; ATP-sensitive inward rectifier potassium channel 11; IKATP; IRK11; Inward rectifier K channel Kir6.2; KCNJ11; Potassium channel; inwardly rectifying; subfamily J; member 11; anti-Kir6.2 antibody

PRODUCT SPECIFICATIONS

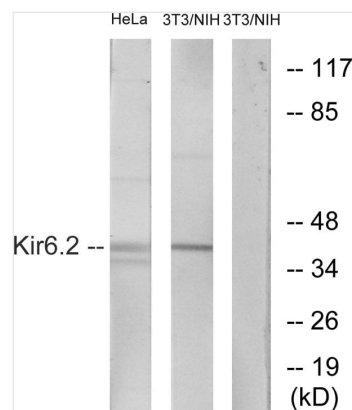
Reactivity	Human, Mouse
Specificity	Kir6.2 (Ab-224) antibody detects endogenous levels of total Kir6.2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	303
Applicable Applications for anti-Kir6.2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Kir6.2 around the phosphorylation site of threonine 224 (K-T-TP-S-P).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



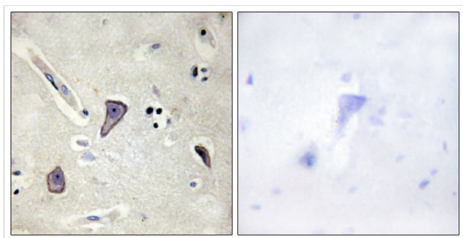
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-Kir6.2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Inagaki N., Science 270:1166-1170(1995). Ribalet B., Biophys. J. 84:266-276(2003). Meissner T., Hum. Mutat. 13:351-361(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	261399884
NCBI GeneID	3767
NCBI Accession #	NP_001159762.1
NCBI GenBank Nucleotide #	NM_001166290.1
UniProt Accession #	Q14654; Q2M1H7; Q58EX3; Q8IW96; B4DWI4; E9PNK0
Molecular Weight	33,263 Da
NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 11 isoform 2
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily J member 11
NCBI Official Symbol	KCNJ11
NCBI Official Synonym Symbols	BIR; HHF2; PHHI; IKATP; TNDM3; KIR6.2; MODY13
NCBI Protein Information	ATP-sensitive inward rectifier potassium channel 11
UniProt Protein Name	ATP-sensitive inward rectifier potassium channel 11
UniProt Gene Name	KCNJ11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/kir6-2/109293>