

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

Kir6.2 (Phospho-Thr224) Antibody

CATALOG # AAA110702	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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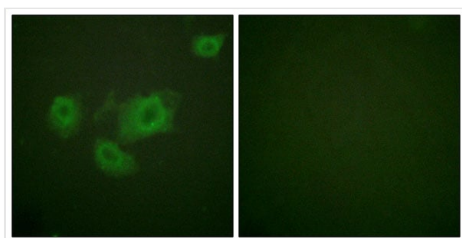
PRODUCT SYNONYMS

Kir6.2; Kir6.2 (Phospho-Thr224) 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

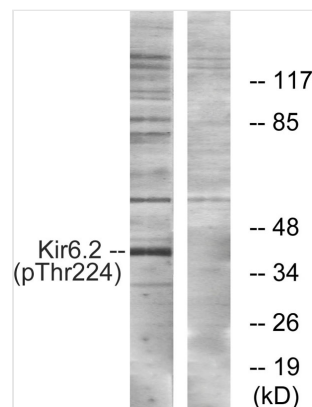
Reactivity	Human, Mouse
Specificity	Kir6.2 (Phospho-Thr224) antibody detects endogenous levels of Kir6.2 only when phosphorylated at threonine 224.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Kir6.2 around the phosphorylation site of threonine 224 (K-T-TP-S-P).
All Sites	Human: Thr224 Mouse: Thr224
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HeLa cells, using Kir6.2 (Phospho-Thr224) antibody. Immunofluorescence analysis of HuvEc cells, using Kir6.2 (Phospho-Thr224) antibody.



Application Data

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	Laurianne van Bever, Am J Physiol Heart Circ Physiol, Aug 2004; 287: H850-H859. Hong-Shuo Sun, J Neurophysiol, Apr 2006; 95: 2590-2601. Peter Proks, J. Physiol., Jan 1999; 514: 19-25.

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.