Anti-Phospho-KCNJ11-Thr224 antibody (160-240) (STJ90722)

STJ90722

GENERAL INFORMATION

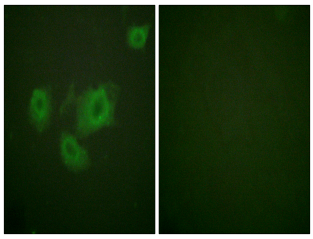
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-Atp-Sensitive Inward Rectifier Potassium Channel 11-Thr224 (160-240) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications WB, IHC-P, IF, ICC, ELISA
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

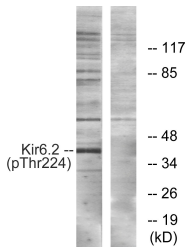
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range WB 1:500-1:2000
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:5000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

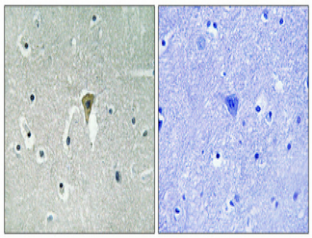
Gene ID 3767
Gene Symbol KCNJ11
Uniprot ID KCJ11_HUMAN
Immunogen The antiserum was produced against synthesized peptide derived from human Kir6.2 around the phosphorylation site of Thr224 at amino acid range 190-239
Immunogen Region 160-240
Specificity Phospho-KCNJ11-Thr224 polyclonal antibody (Atp-Sensitive Inward Rectifier Potassium Channel 11) binds to endogenous Atp-Sensitive Inward Rectifier Potassium Channel 11 at the amino acid region 160-240 only when phosphorylated at Thr224.
Immunogen Sequence



Immunofluorescence analysis of HUVEC cells, using Kir6.2 (Phospho-Thr224) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells, using Kir6.2 (Phospho-Thr224) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081