

KIR5.1 (Phospho Ser416) Rabbit pAb

CatalogNo: YP0938 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 48kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:5000

Not yet tested in other applications.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from mouse Kir5.1 around the phosphorylation site of Ser417. AA range: 369-418

Specificity

Phospho-KIR5.1 (S416) Polyclonal Antibody detects endogenous levels of KIR5.1 protein only when phosphorylated at S416. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):MEsQM

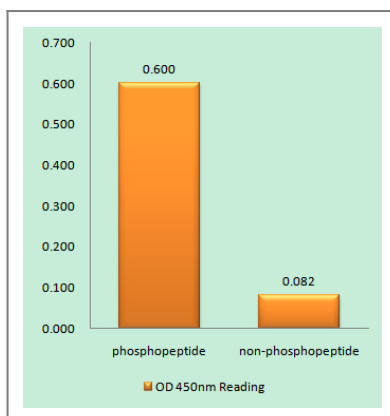
Target Information

Gene name KCNJ16

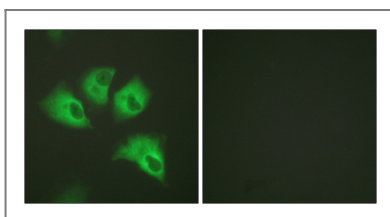
Protein Name Inward rectifier potassium channel 16

Organism	Gene ID	UniProt ID
Human	16517 ;	Q9NPI9 ;
Mouse	16517 ;	Q9Z307 ;
Rat		P52191 ;

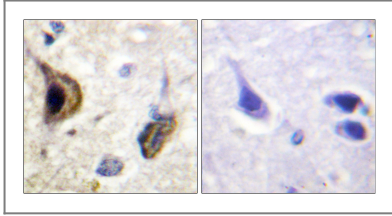
Validation Data



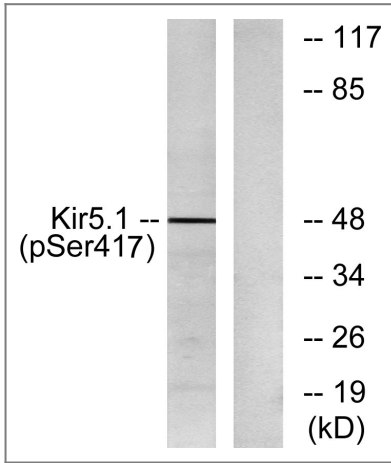
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Kir5.1 (Phospho-Ser417) Antibody



Immunofluorescence analysis of HeLa cells, using Kir5.1 (Phospho-Ser417) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using Kir5.1 (Phospho-Ser417) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from RAW264.7 cells treated with forskolin 40nM 30', using Kir5.1 (Phospho-Ser417) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

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Please scan the QR code to access additional product information:
KIR5.1 (Phospho Ser416) Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)