# KCNJ12 Rabbit pAb

**Catalog No.: A14375**

## Basic Information

**Observed MW**
49kDa

**Calculated MW**
49kDa

**Category**
Primary antibody

**Applications**
ELISA,WB

**Cross-Reactivity**
Mouse, Rat

## Background

This gene encodes an inwardly rectifying K+ channel which may be blocked by divalent cations. This protein is thought to be one of multiple inwardly rectifying channels which contribute to the cardiac inward rectifier current (IK1). The gene is located within the Smith-Magenis syndrome region on chromosome 17.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |

## Immunogen Information

**Gene ID**
3768

**Swiss Prot**
Q14500

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 354-433 of human KCNJ12 (NP_066292.2).

**Synonyms**
IRK2; hIRK; IRK-2; hIRK1; KCNJN1; Kir2.2; kcnj12x; hkir2.2x; KCNJ12

## Contact

www.abclonal.com

## Product Information

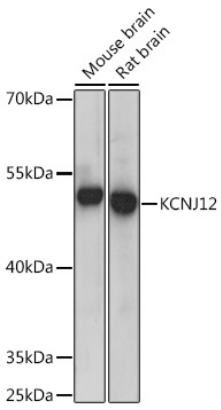
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of various lysates using KCNJ12 Rabbit pAb (A14375) at 1:300 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.



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