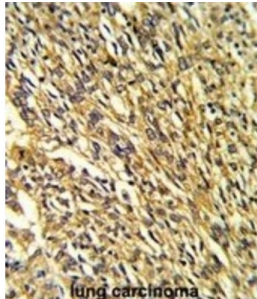


# Potassium Voltage-Gated Channel Subfamily J Member 2 (KCNJ2) Antibody

Catalogue No.: abx033069



NCI-H460



m.lung



Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. This protein is an integral membrane protein and inward-rectifier type potassium channel. This protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, probably participates in establishing action potential waveform and excitability of neuronal and muscle tissues. Mutations in this gene have been associated with Andersen syndrome, which is characterized by periodic paralysis, cardiac arrhythmias, and dysmorphic features.

**Target:** Potassium Voltage-Gated Channel Subfamily J Member 2 (KCNJ2)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** ELISA, WB, IHC, FCM

**Host:** Rabbit

# Datasheet

Version: 1.0.0  
Revision date: 04 Nov 2025



**Recommended dilutions:** WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 401-427 amino acids from the C-terminal region of human KCNJ2.

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified through a protein A column, followed by peptide affinity purification.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P63252 ([UniProt](#), [ExPASy](#))

**KEGG:** hsa:3759

**String:** [9606.ENSP00000243457](#)

**Molecular Weight:** Calculated MW: 48.3 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Specificity:** Predicted to react with Rat, Cow, Pig, Chicken and Rabbit KCNJ2.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.