

## Kv5.1 polyclonal antibody

Catalog: BS62431

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

KCNF1 (potassium voltage-gated channel subfamily F member 1) is a multipass membrane-bound protein that acts as an ion channel and is generally expressed as a heterotetramer of potassium channeling proteins. Formerly known as KH1, KCNF1 is usually found as a heteromer with three other potassium channel proteins, KCNG3, KV6.3 and KCNV2. As a potassium channel protein, KCNF1 plays a role in regulating apoptosis and proliferation of pulmonary artery smooth muscle (PASM) cells. Bone morphogenetic proteins (BMPs) restrict proliferation and can induce apoptosis in normal human PASM cells and will upregulate expression of KCNF1 in PASM cells in vitro. KCNF1 is expressed in heart, brain, liver, skeletal muscle, kidney and pancreas.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

Q9H3M0

### Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1:500~1:1000

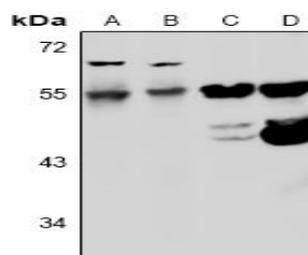
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -25 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Kv5.1 polyclonal antibody detects endogenous levels of Kv5.1 protein.

### DATA:



Western blot (WB) analysis of Kv5.1 polyclonal antibody at 1:500 dilution

LaneA: COS-7 whole cell lysate

LaneB: Panc1 whole cell lysate

LaneC: The heart tissue lysate of Mouse

LaneD: The heart tissue lysate of Rat

### Note:

For research use only, not for use in diagnostic procedure.

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