## bs-16902R

# [ Primary Antibody ]

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

KCNK2 Rabbit pAb

**GeneID: 3776 SWISS:** 095069

Target: KCNK2

**Immunogen:** KLH conjugated synthetic peptide derived from human KCNK2:

1-100/426.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** This gene encodes one of the members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500) ICC/IF (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Rabbit, Pig, Sheep,

Cow, Dog)

**Predicted** 47 kDa MW.:

Subcellular Location: Cell membrane

### - SELECTED CITATIONS -

• [IF=2.7] Chen Yinzhen. et al. KCNK2-mediated regulation of MMP-2/9 by PIGF influences uterine artery function in pregnancy-induced hypertension. BMC PREGNANCY CHILDB. 2025 Dec;25(1):1-16 IHC; Rat. 40457264