

K2P4.1 polyclonal antibody

Catalog: BS90757

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Voltage-insensitive potassium channel (PubMed:22282805). Channel opening is triggered by mechanical forces that deform the membrane (PubMed:22282805, PubMed:25471887, PubMed:25500157). Channel opening is triggered by raising the intracellular pH to basic levels (By similarity). The channel is inactive at 24 degrees Celsius (in vitro); raising the temperature to 37 degrees Celsius increases the frequency of channel opening, with a further increase in channel activity when the temperature is raised to 42 degrees Celsius (By similarity). Plays a role in the perception of pain caused by heat (By similarity). Plays a role in the sensory perception of pain caused by pressure (By similarity).

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

43 kDa

Swiss-Prot:

Q9NYG8(Human)

Purification&Purity:

Peptide affinity purified.

Applications:

WB:1:500

IHC:1:50-1:200

FC:1:50-1:100

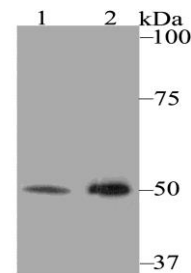
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

Specificity:

K2P4.1 polyclonal antibody detects endogenous levels of K2P4.1 protein.

DATA:

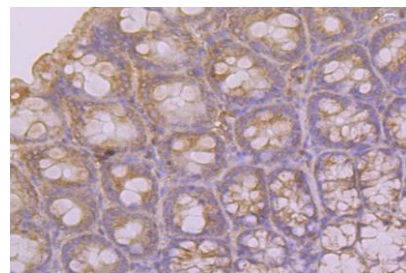


Western blot analysis of K2P4.1 on different lysates using anti-K2P4.1 antibody at 1/500 dilution.

Positive control:

Lane1: Mouse colon

Lane2: Rat kidney



Immunohistochemical analysis of paraffin-embedded rat large intestine tissue using anti-K2P4.1 antibody. Counter stained with hematoxylin.

Note:

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

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