

KCNN3 polyclonal antibody

Catalog: BS7920

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Small-conductance, calcium-activated K⁺ channels (SK channels) are activated in a voltage-independent manner, and they have a small unit conductance and high sensitivity to calcium. SK channels 1-3 contain intracellular N- and C- termini and 6 conserved transmembrane segments. SK1 expression is restricted to the brain whereas SK2 and SK3 are more widely expressed. SK channels influence most excitable cells and participate in afterhyperpolarization (AHP) and spike-frequency adaptation. Human SK3 is a 731 amino acid protein that is expressed in muscles upon denervation, and it is a component of the presynaptic compartment in mature neuromuscular junctions. SK3 may also play a regulatory role in synaptic transmission.

Product:

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

Molecular Weight:

~ 82 kDa

Swiss-Prot:

Q9UGI6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

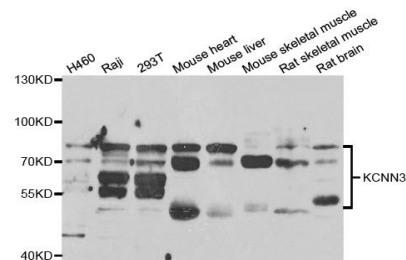
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

KCNN3 polyclonal antibody detects endogenous levels of KCNN3 protein.

DATA:



WesternBlot (WB) analysis of KCNN3 polyclonal antibody

Note:

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

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