

39-2053: Anti-KCA3.1 Polyclonal Antibody

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human |
| Gene : | KCNN4 |
| Gene ID : | 3783 |
| Uniprot ID : | O15554 |
| Alternative Name : | Intermediate conductance calcium-activated potassium channel protein 4; SK4; SKCa 4; SKCa4; IKCa1; IK1; KCa3.1; KCa4; Putative Gardos channel; KCNN4; IK1, IKCA1, KCA4, SK4 |
| Isotype : | Rabbit IgG |

Description

Intermediate conductance calcium-activated potassium channel protein 1(KCNN4, Kca3.1) is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. KCNN4 may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily.

Product Info

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| Amount : | 100 µg/vial |
| Purification : | Immunogen affinity purified. |
| Content : | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml. |
| Storage condition : | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

Application Note

Western blot : 0.1-0.5µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1µg/ml

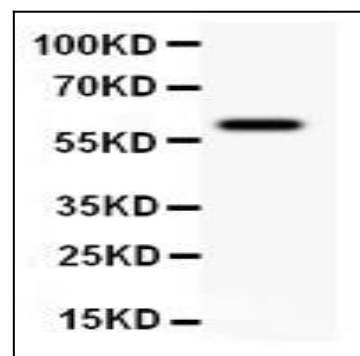


Figure 1: Anti-KCNN antibody(39-2053). Western blotting: Lanes: Anti KCNN 39-2053 at 0.5ug/ml. WB: HUT Whole Cell Lysate at 40ug. Predicted band size: 60 kDa. Observed band size: 60 kDa.