

Datasheet for ABIN6142765
anti-KCNN1 antibody (AA 1-90)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | KCNN1 |
| Binding Specificity: | AA 1-90 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KCNN1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human KCNN1 (NP_002239.2). |
| Sequence: | MNSHSYNGSV GRPLGSGPGA LGRDPPDPEA GHPPQPPHSP GLQVVVAKSE PARPSPGSPR GQPQDQDDDE DDEEDEAGRQ RASGKPSNVG |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Polyclonal Antibodies |

Target Details

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|---------|-------|
| Target: | KCNN1 |
|---------|-------|

Target Details

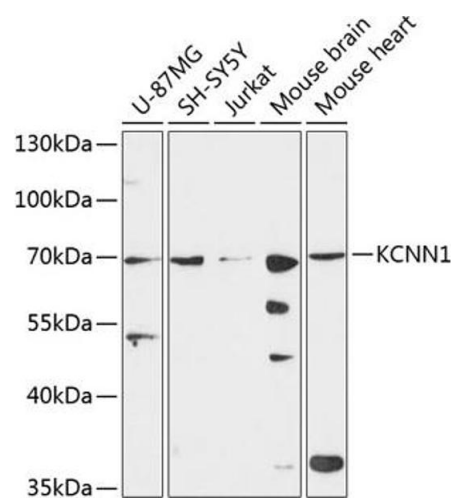
| | |
|-------------------|---|
| Alternative Name: | KCNN1 (KCNN1 Products) |
| Background: | Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. The protein encoded by this gene is activated before membrane hyperpolarization and is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. This gene is a member of the KCNN family of potassium channel genes.,KCNN1,KCa2.1,SK1,SKCA1,hSK1,Neuroscience,KCNN1 |
| Molecular Weight: | 59 kDa/61 kDa |
| Gene ID: | 3780 |
| UniProt: | Q92952 |

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KCNN1 antibody (ABIN6130514, ABIN6142765, ABIN6142767 and ABIN6224976) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.