

KCND3 Antibody

Catalog No: #36580

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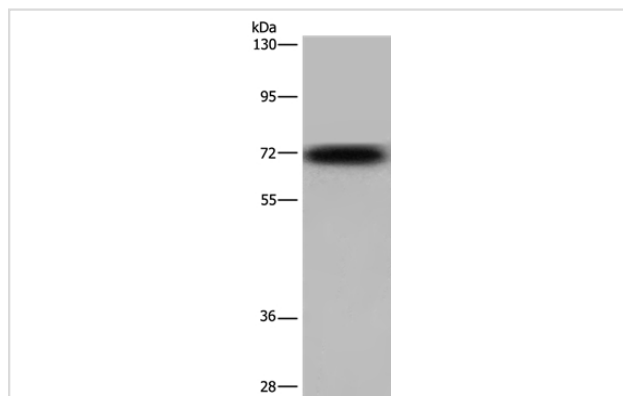
Description

| | |
|-----------------------|---|
| Product Name | KCND3 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB |
| Species Reactivity | Hu Ms |
| Specificity | The antibody detects endogenous levels of total KCND3 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Fusion protein corresponding to residues near the C terminal of human potassium voltage-gated channel, Shal-related subfamily, member 3 |
| Target Name | KCND3 |
| Other Names | KV4.3; SCA19; SCA22; KCND3L; KCND3S; KSHIVB |
| Accession No. | Swiss-Prot#: Q9UK17NCBI Gene ID: 3752Gene Accssion: BC113477 |
| Uniprot | Q9UK17 |
| GeneID | 3752; |
| SDS-PAGE MW | 73kd |
| Concentration | 1.4mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 6%SDS-PAGE
Lysates (from left to right): Mouse heart tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/700 dilution
Secondary antibody dilution: 1/8000
Exposure time: 30 seconds

Background

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural

standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in *Drosophila*, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shal-related subfamily, members of which form voltage-activated A-type potassium ion channels and are prominent in the repolarization phase of the action potential.

Note: This product is for in vitro research use only