

KCNA7 Antibody

Catalog No: #37673

Orders: order@signalwayantibody.com

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Description

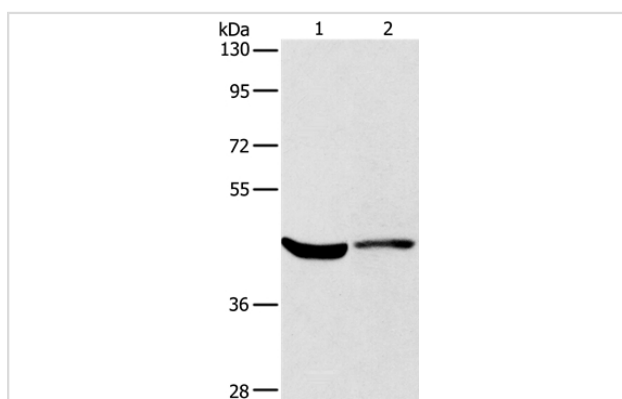
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|-----------------------|---|
| Product Name | KCNA7 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB IHC |
| Species Reactivity | Hu Ms |
| Specificity | The antibody detects endogenous levels of total KCNA7 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthetic peptide corresponding to a region derived from internal residues of human potassium voltage-gated channel, shaker-related subfamily, member 7 |
| Target Name | KCNA7 |
| Other Names | HAK6; KV1.7 |
| Accession No. | Swiss-Prot#: Q96RP8NCBI Gene ID: 3743Gene Accssion: NP_114092/Q96RP8 |
| Uniprot | Q96RP8 |
| GeneID | 3743; |
| SDS-PAGE MW | 51kd |
| Concentration | 2.4mg/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

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

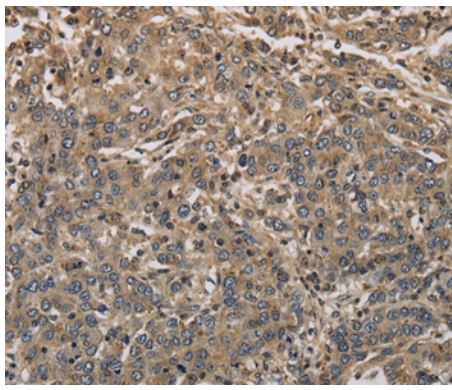
Lysates (from left to right): HeLa cell and mouse kidney tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/550 dilution

Secondary antibody dilution: 1/8000

Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37673 at dilution 1/40.

Background

Potassium 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, shaker-related subfamily.

Note: This product is for in vitro research use only