

KCNG4 Antibody

Catalog No: #37677

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

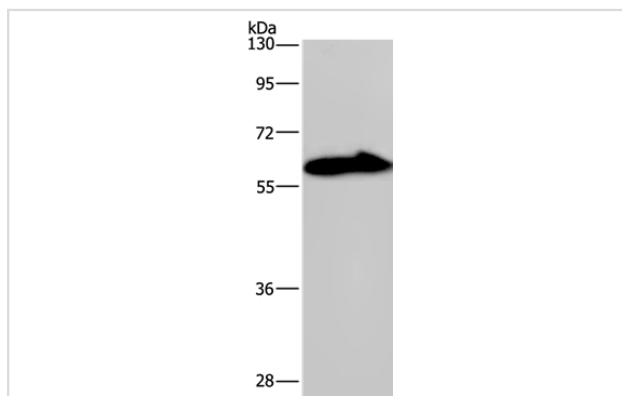
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|-----------------------|--|
| Product Name | KCNG4 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB IHC |
| Species Reactivity | Hu Ms |
| Specificity | The antibody detects endogenous levels of total KCNG4 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthetic peptide corresponding to a region derived from internal residues of human potassium voltage-gated channel, subfamily G, member 4 |
| Target Name | KCNG4 |
| Other Names | KV6.3; KV6.4 |
| Accession No. | Swiss-Prot#: Q8TDN1NCBI Gene ID: 93107Gene Accssion: NP_758857 |
| Uniprot | Q8TDN1 |
| GeneID | 93107; |
| SDS-PAGE MW | 59kd |
| Concentration | 2.3mg/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: 1:100-1:300

Images



Gel: 6%SDS-PAGE

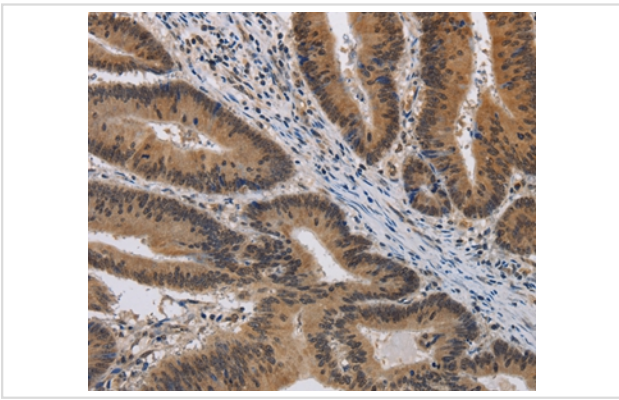
Lysates (from left to right): Mouse brain tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/550 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #37677 at dilution 1/40.

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. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member functions as a modulatory subunit. The gene has strong expression in brain. Multiple alternatively spliced variants have been found in normal and cancerous tissues.

Note: This product is for in vitro research use only