

## Rabbit anti-Human, Mouse KCNC1 Polyclonal Antibody | anti-KCNC1 antibody

KCNC1 Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA304710</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

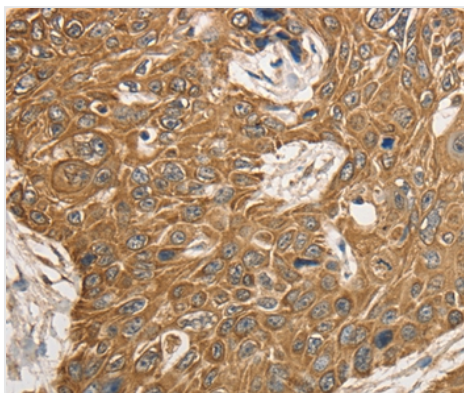
### PRODUCT SYNONYMS

KCNC1; Polyclonal Antibody; KCNC1 Antibody; KV4; NGK2; KV3.1; anti-KCNC1 antibody

### PRODUCT SPECIFICATIONS

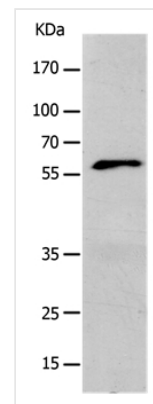
|                                                 |                                                                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                     |
| Reactivity                                      | Human, Mouse                                                                                                                               |
| Clonality                                       | Polyclonal                                                                                                                                 |
| Specificity                                     | The antibody detects endogenous levels of total KCNC1 protein.                                                                             |
| Purity/Purification                             | Antigen affinity purification.                                                                                                             |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                                            |
| Concentration                                   | 0.8 mg/ml (varies by lot)                                                                                                                  |
| Sequence Length                                 | 585                                                                                                                                        |
| Applicable Applications for anti-KCNC1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                              |
| Immunogen Type                                  | Peptide                                                                                                                                    |
| Immunogen Description                           | Synthetic peptide corresponding to residues near the C terminal of human potassium voltage-gated channel, Shaw-related subfamily, member 1 |
| Target Name                                     | KCNC1                                                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C                                                                                                                      |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/20.



#### Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Mouse liver tissue Amount of lysate: 40ug per lane Primary antibody: 1/400 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KCNC1 antibody | The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Multiple transcript variants encoding different isoforms have been inferred for this gene based on orthologous loci. |
| Product Categories/Family for anti-KCNC1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 163792201                                                           |
| NCBI GeneID                      | 3746                                                                |
| NCBI Accession #                 | NP_001106212.1                                                      |
| NCBI GenBank Nucleotide #        | NM_001112741.1                                                      |
| UniProt Accession #              | P48547; K4DI87                                                      |
| Molecular Weight                 | 65,871 Da                                                           |
| NCBI Official Full Name          | potassium voltage-gated channel subfamily C member 1 isoform 1      |
| NCBI Official Synonym Full Names | potassium channel, voltage gated Shaw related subfamily C, member 1 |
| NCBI Official Symbol             | KCNC1                                                               |
| NCBI Official Synonym Symbols    | KV4; EPM7; NGK2; KV3.1                                              |
| NCBI Protein Information         | potassium voltage-gated channel subfamily C member 1                |
| UniProt Protein Name             | Potassium voltage-gated channel subfamily C member 1                |
| UniProt Gene Name                | KCNC1                                                               |
| UniProt Entry Name               | KCNC1_HUMAN                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kcnc1-antibody-immunohistochemistry-western-blot-elisa/304710>