

## Rabbit KCNK9 Polyclonal Antibody | anti-KCNK9 antibody

KCNK9 Polyclonal Antibody

|                               |                       |                                     |
|-------------------------------|-----------------------|-------------------------------------|
| CATALOG #<br><b>AAA280919</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-------------------------------------|

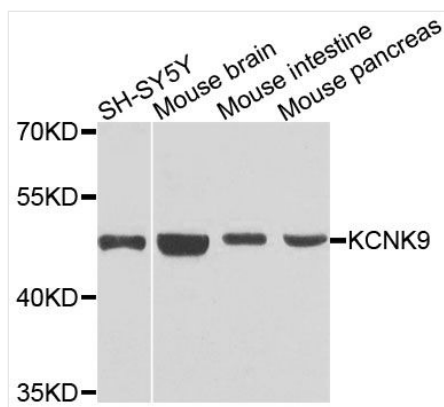
### PRODUCT SYNONYMS

KCNK9; Polyclonal Antibody; KCNK9 Polyclonal Antibody; K2p9.1; KT3.2; TASK-3; TASK3; anti-KCNK9 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                             |
| Isotype                                         | IgG                                                                                                                    |
| Purity/Purification                             | Affinity Purification                                                                                                  |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                      |
| Sequence Length                                 | 374                                                                                                                    |
| Applicable Applications for anti-KCNK9 antibody | WB (Western Blot)                                                                                                      |
| Species Reactivity / Cross Reactivity           | Human, Mouse                                                                                                           |
| Immunogen                                       | Recombinant fusion protein containing a sequence corresponding to amino acids 265-374 of human KCNK9 (NP_001269463.1). |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                       |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KCNK9 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KCNK9 antibody | This gene encodes a protein that contains multiple transmembrane regions and two pore-forming P domains and functions as a pH-dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human carcinomas. This gene is imprinted in the brain, with preferential expression from the maternal allele. A mutation in this gene was associated with Birk-Barel mental retardation dysmorphism syndrome. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-KCNK9 antibody   | Primary antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 13431426                                               |
| NCBI GeneID                      | 51305                                                  |
| UniProt Accession #              | Q9NPC2; Q2M290; Q540F2                                 |
| Molecular Weight                 | 42kDa (Observed and Calculated)                        |
| NCBI Official Full Name          | Potassium channel subfamily K member 9                 |
| NCBI Official Synonym Full Names | potassium two pore domain channel subfamily K member 9 |
| NCBI Official Symbol             | KCNK9                                                  |
| NCBI Official Synonym Symbols    | KT3.2; TASK3; K2p9.1; TASK-3                           |
| NCBI Protein Information         | potassium channel subfamily K member 9                 |
| UniProt Protein Name             | Potassium channel subfamily K member 9                 |
| UniProt Gene Name                | KCNK9                                                  |
| UniProt Synonym Gene Names       | TASK3; Two pore K(+) channel KT3.2                     |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/kcnk9-antibody-western-blot-elisa/280919>