

For Research Use Only

# KCNK12 Polyclonal antibody

Catalog Number: 29762-1-AP



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>29762-1-AP                          | <b>GenBank Accession Number:</b><br>NM_022055                  | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 600 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>56660                                 | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000             |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>Q9HB15                                   |  |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>potassium channel, subfamily K, member 12 |  |
| <b>Immunogen Catalog Number:</b><br>AG31561                   | <b>Calculated MW:</b><br>47KD                                  |  |
|   | <b>Observed MW:</b><br>49 kDa                                  |  |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>WB, ELISA    | <b>Positive Controls:</b><br>WB : mouse kidney tissue, |
| <b>Species Specificity:</b><br>Human, mouse |  |

## Background Information

Potassium channel, subfamily K, member 12, also known as KCNK12, is a potassium channel containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. The calculated MW is 49 kDa, 29762-1-AP can detect a band around 49 kDa.

## Storage

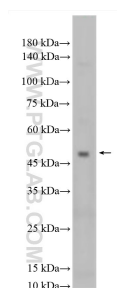
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 29762-1-AP (KCNK12 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.