

For Research Use Only

# KCNS3 Polyclonal antibody

Catalog Number: 10092-1-AP



## Basic Information

<b>Catalog Number:</b> 10092-1-AP	<b>GenBank Accession Number:</b> BC004148	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3790	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 59 kDa	
<b>Immunogen Catalog Number:</b> AG0137	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, human placenta tissue
<b>Species Specificity:</b> human	

## Background Information

KCNS3, also name as Kv9.3, belongs to S subfamily of potassium voltage-gated channel. It is highly expressed in pulmonary artery myocytes, placenta, and parvalbumin-containing GABA neurons in brain cortex. Its main functions are associated with the regulation of the resting membrane potential and the control of the shape and frequency of action potentials.

## Storage

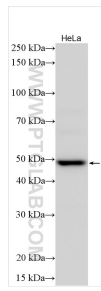
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 W: ptglab.com

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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10092-1-AP (KCNS3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.