

For Research Use Only

# KCNC4 Polyclonal antibody

Catalog Number: 18092-1-AP



## Basic Information

<b>Catalog Number:</b> 18092-1-AP	<b>GenBank Accession Number:</b> BC101769	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 260 µg/ml by Nanodrop and 187 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3749	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> potassium voltage-gated channel, Shaw-related subfamily, member 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 582 aa, 65 kDa	
<b>Immunogen Catalog Number:</b> AG12815	<b>Observed MW:</b> 100 kDa	

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Species Specificity:**

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : mouse brain tissue,

IHC : human placenta tissue,

## Background Information

### 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)

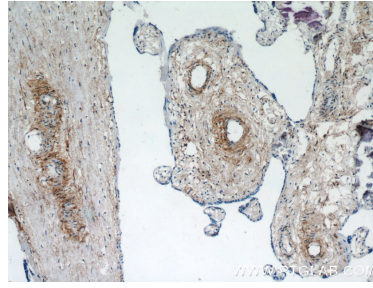
E: proteintech@ptglab.com  
W: ptglab.com

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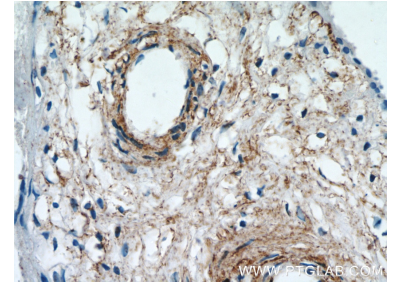
## Selected Validation Data



mouse brain membrane tissue was subjected to SDS PAGE followed by western blot with 18092-1-AP (KCNC4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18092-1-AP (KCNC4 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 18092-1-AP (KCNC4 Antibody) at dilution of 1:50 (under 40x lens).