

For Research Use Only

# SGK196 Polyclonal antibody

Catalog Number: 27444-1-AP



## Basic Information

<b>Catalog Number:</b> 27444-1-AP	<b>GenBank Accession Number:</b> BC101548	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84197	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H5K3	
<b>Isotype:</b> IgG	<b>Full Name:</b> protein kinase-like protein Sgk196	
<b>Immunogen Catalog Number:</b> AG24922	<b>Observed MW:</b> 40-50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : MDA-MB-231 cells, SH-SY5Y cells, U-251 cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

SGK196, also known as POMK (protein O-mannose kinase), is an enzyme that plays a significant role in multiple biological processes. As a type II transmembrane protein, SGK196 consists of a cytoplasmic tail, one transmembrane helix, and a luminal domain (PMID: 31913260). It is widely expressed in tissues such as skeletal muscle, brain, heart, and kidney. SGK196 has been identified as a valuable marker for melanoma and has been found to suppress the metastasis of basal-like breast cancer cells, suggesting its role in tumorigenesis and cell survival.

## 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

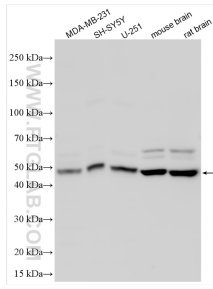
For technical support and original validation data for this product please contact:

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27444-1-AP (SGK196 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.