

For Research Use Only

SGK196 Polyclonal antibody, PBS Only

Catalog Number: 27444-1-PBS



Basic Information

Catalog Number: 27444-1-PBS	GenBank Accession Number: BC101548	Purification Method: Antigen affinity purification
Size: 1 mg/ml	GeneID (NCBI): 84197	
Source: Rabbit	UNIPROT ID: Q9H5K3	
Isotype: IgG	Full Name: protein kinase-like protein Sgk196	
Immunogen Catalog Number: AG24922	Observed MW: 40-50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

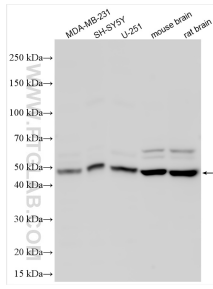
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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. This data was developed using the same antibody clone with 27444-1-PBS in a different storage buffer formulation.