

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: 100ug, Concentration: 1 mg/ml by Nanodrop;	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

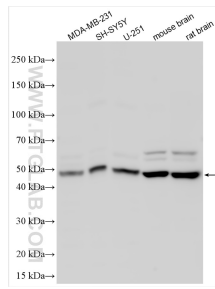
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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
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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.