

For Research Use Only

KCNB1-Specific Recombinant antibody, PBS Only

Catalog Number: 86281-1-PBS



Basic Information

Catalog Number: 86281-1-PBS	GenBank Accession Number: NM_004975	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3745	CloneNo.: 250621A12
Source: Rabbit	UNIPROT ID: Q14721	
Isotype: IgG	Full Name: potassium voltage-gated channel, Shab-related subfamily, member 1	
	Calculated MW: 96 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human, mouse, rat

Background Information

KCNB1, also named as DRK1, KV2.1, and h-DRK1, belongs to the potassium channel family and B (Shab) subfamily. KCNB1 mediates the voltage-dependent potassium ion permeability of excitable membranes. Channels open or close in response to the voltage difference across the membrane, letting potassium ions pass in accordance with their electrochemical gradient. The antibody is specific to KCNB1.

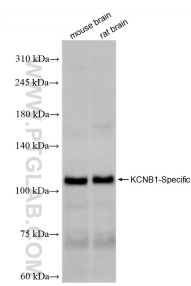
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86281-1-RR (KCNB1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86281-1-PBS in a different storage buffer formulation.