

For Research Use Only

# SLC17A9 Recombinant antibody, PBS Only

Catalog Number: 83505-1-PBS



## Basic Information

<b>Catalog Number:</b> 83505-1-PBS	<b>GenBank Accession Number:</b> BC025312	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 63910	<b>CloneNo.:</b> 240328H7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BYT1	
<b>Isotype:</b> IgG	<b>Full Name:</b> solute carrier family 17, member 9	
<b>Immunogen Catalog Number:</b> AG24970	<b>Calculated MW:</b> 436 aa, 47 kDa	
	<b>Observed MW:</b> 50 kD	

## Applications

**Tested Applications:**  
WB, IHC, FC (Intra), ELISA

**Species Specificity:**  
mouse, rat

## Background Information

### 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:

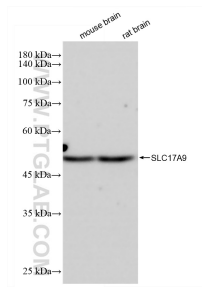
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

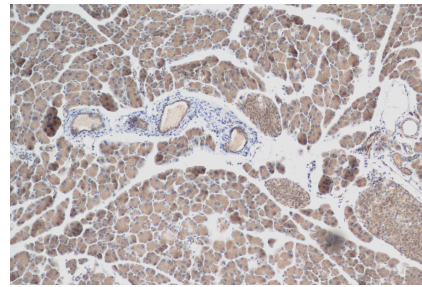
W: [ptgcn.com](http://ptgcn.com)

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

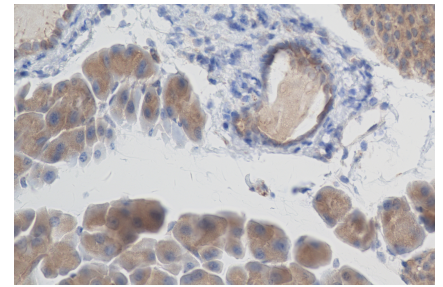
## Selected Validation Data



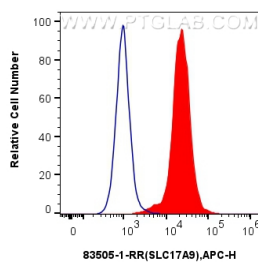
Various lysates were subjected to SDS PAGE followed by western blot with 83505-1-RR (SLC17A9 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83505-1-PBS in a different storage buffer formulation.



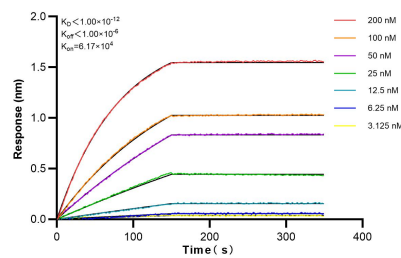
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 83505-1-RR (SLC17A9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83505-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 83505-1-RR (SLC17A9 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83505-1-PBS in a different storage buffer formulation.



$1 \times 10^6$  Caco-2 cells were intracellularly stained with 0.25  $\mu$ g SLC17A9 Recombinant antibody (83505-1-RR, Clone:240328H7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83505-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83505-1-RR against Human SLC17A9 were performed. The affinity constant is below 1 pM.