

For Research Use Only

# SLC17A9 Recombinant antibody

Catalog Number:83505-1-RR



## Basic Information

<b>Catalog Number:</b> 83505-1-RR	<b>GenBank Accession Number:</b> BC025312	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 800 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 63910	<b>CloneNo.:</b> 240328H7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BYT1	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IHC 1:500-1:2000
<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

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** mouse brain tissue, rat brain tissue

**IHC :** mouse pancreas tissue, mouse liver tissue

## 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

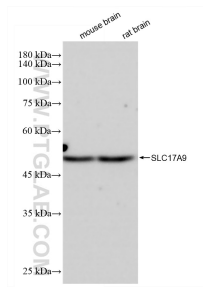
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

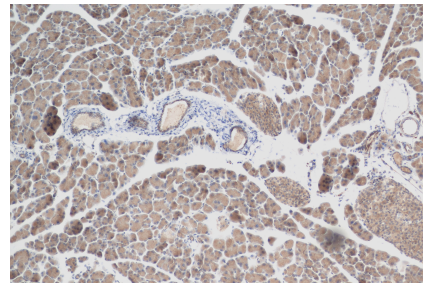
E: proteintech@ptglab.com  
W: ptglab.com

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

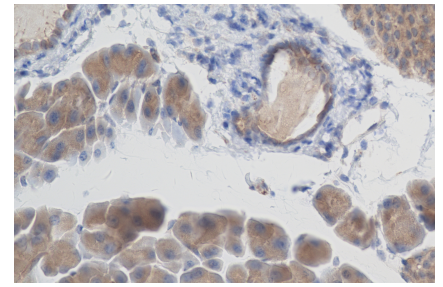
## Selected Validation Data



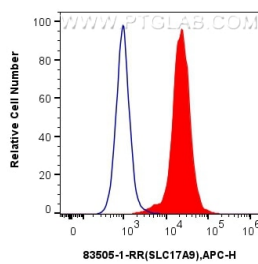
Various lysates were subjected to SDS PAGE followed by western blot with 83505-1-RR (SLC17A9 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



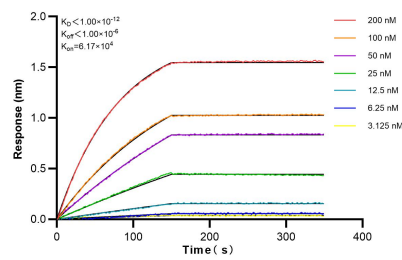
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 83505-1-RR (SLC17A9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1x10<sup>6</sup> Caco-2 cells were intracellularly stained with 0.25 ug SLC17A9 Recombinant antibody (83505-1-RR, Clone:240328H7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



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