

For Research Use Only

SLC17A9 Recombinant antibody

Catalog Number:83505-1-RR



Basic Information

Catalog Number: 83505-1-RR	GenBank Accession Number: BC025312	Purification Method: Protein A purification
Size: 800 ug/ml	GeneID (NCBI): 63910	CloneNo.: 240328H7
Source: Rabbit	UNIPROT ID: Q9BYT1	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:500-1:2000
Isotype: IgG	Full Name: solute carrier family 17, member 9	
Immunogen Catalog Number: AG24970	Calculated MW: 436 aa, 47 kDa	
	Observed MW: 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

Background Information

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

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

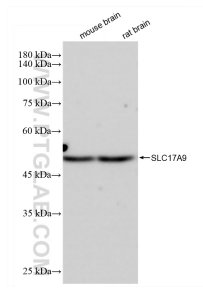
T: 4006900926

E: Proteintech-CN@ptglab.com

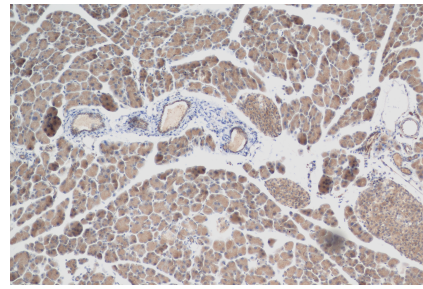
W: ptgcn.com

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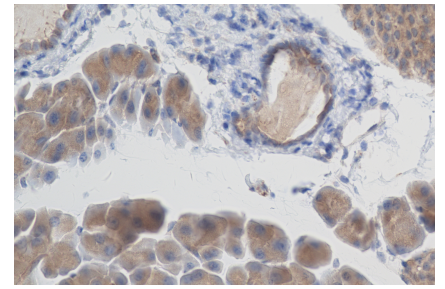
Selected Validation Data



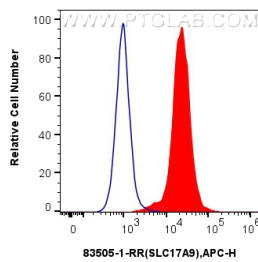
Various lysates were subjected to SDS PAGE followed by western blot with 83505-1-RR (SLC17A9 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



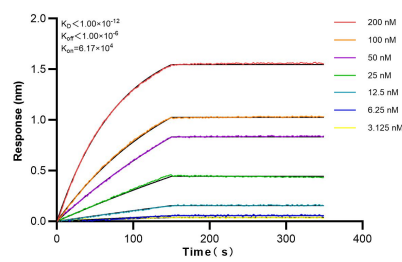
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 83505-1-RR (SLC17A9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1×10^6 Caco-2 cells were intracellularly stained with 0.25 μ g SLC17A9 Recombinant antibody (83505-1-RR, Clone:240328H7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g 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.