

For Research Use Only

# SLC26A2 Polyclonal antibody

Catalog Number: 27759-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 27759-1-AP	<b>GenBank Accession Number:</b> BC059390	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1836	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:2000-1:8000
<b>Source:</b> Rabbit	<b>Full Name:</b> solute carrier family 26 (sulfate transporter), member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 82 kDa	
<b>Immunogen Catalog Number:</b> AG26521	<b>Observed MW:</b> 68 kDa	

## Applications

<b>Tested Applications:</b> FC, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, WB	WB : mouse colon tissue, rat colon tissue
<b>Species Specificity:</b> Human, mouse, rat	IHC : human colon tissue,
<b>Cited Species:</b> human, mouse, canine	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Joo Young Lee	34627398	Biomater Res	IF
Yalong Wang	31753849	J Exp Med	IF
Xiao-Hu Zhao	37250791	iScience	WB

## Storage

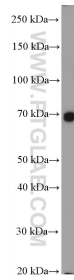
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

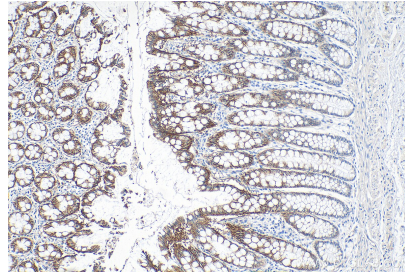
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

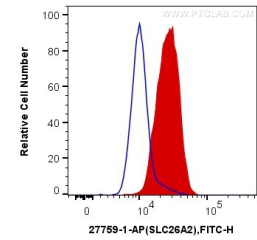
## Selected Validation Data



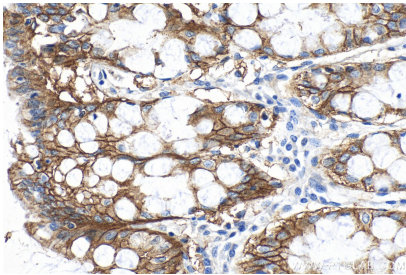
mouse colon tissue were subjected to SDS PAGE followed by western blot with 27759-1-AP (SLC26A2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27759-1-AP (SLC26A2 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



$1 \times 10^6$  U2OS cells were intracellularly stained with 0.4 ug Anti-Human SLC26A2 (27759-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27759-1-AP (SLC26A2 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).