

For Research Use Only

NHE3 Polyclonal antibody

Catalog Number: 27190-1-AP **8 Publications**



Basic Information

Catalog Number: 27190-1-AP	GenBank Accession Number: BC101669	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop and 567 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6550	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	Full Name: solute carrier family 9 (sodium/hydrogen exchanger), member 3	
Isotype: IgG	Calculated MW: 834 aa, 93 kDa	
Immunogen Catalog Number: AG25637	Observed MW: 80-100 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : mouse small intestine tissue, IP : mouse kidney tissue, IHC : mouse kidney tissue,
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, mouse, pig	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Tianwei Chen	36453019	Mol Oncol	WB
Dingfa Wang	34109234	Front Vet Sci	IHC
Jian Fang	35297435	Food Funct	WB

Storage

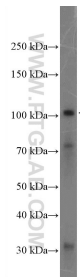
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

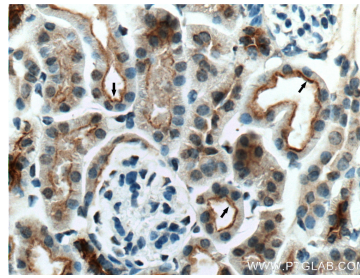
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

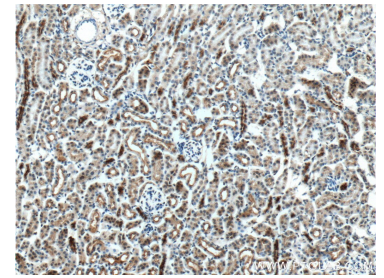
Selected Validation Data



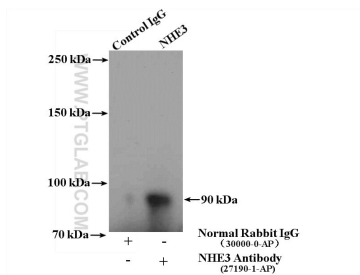
mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 27190-1-AP (NHE3 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27190-1-AP (NHE3 antibody at dilution of 1:200 (under 40x lens). heat mediated antigen retrieved with Tris-EDTA buffer (pH9). Arrows show brush border.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27190-1-AP (NHE3 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-NHE3 (IP:27190-1-AP, 4ug; Detection:27190-1-AP 1:1000) with mouse kidney tissue lysate 4000ug.