For Research Use Only TMEM27 Polyclonal antibody

Catalog Number: 19207-1-AP

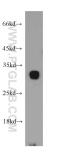


Basic Information	Catalog Number: 19207-1-AP	GenBank Accession Number: BC050606	Purification Method: Antigen affinity purification	
	Size: 150ul , Concentration: 333 ug/ml by	GeneID (NCBI): 57393	Recommended Dilutions: WB 1:500-1:2000	
	Bradford method using BSA as the standard;	UNIPROT ID: O9HBJ8	IHC 1:100-1:400 IF/ICC 1:10-1:100	
	Source: Rabbit	Full Name: transmembrane protein 27		
	Isotype: IgG	Calculated MW: 25 kDa		
	Immunogen Catalog Number: AG7668	Observed MW: 32 kDa		
Applications	Tested Applications:	Positive C	Positive Controls:	
	Species Specificity:		se pancreas tissue, mouse kidney tissue	
	human, mouse		an kidney tissue, human liver cancer tissue epG2 cells,	
	Note-IHC: suggested antigen r TE buffer pH 9.0; (*) Alternation	etrieval with vely, antigen		
	retrieval may be performed w buffer pH 6.0	vith citrate		
Background Information	buffer pH 6.0 TMEM27 (also termed collectrin), a 44 of angiotensin-converting enzyme-re brush border membrane of the proxir (PMID: 11278314, 16330324). Overex increased pancreatic b cell mass in v (GSIS) (PMID: 16330324, 16330323). ² ectodomain cleavage, which leads to extracellular space (the shed fragme rapidly degraded (PMID: 16330324). ²	6 kDa type I transmembrane protei elated carboxypeptidase (Ace2). Its nal tubules and collecting ducts of xpression of TMEM27 in b cells lead ivo, and also has been reported to The abundance of TMEM27 protein two cleavage products, a 25 kDa N nt), and a 22 kDa C-terminal fragm TMEM27 is an N-glycosylated prote	expression has only been reported in the the kidney and in the pancreatic b cell is to increased proliferation in vitro and augment glucosestimulated ins secretion in b cells is furthermore regulated by I-terminal part that is released into the ent (CTF) remaining in the membrane that in and can form dimers with MW of 64-75	
	buffer pH 6.0 TMEM27 (also termed collectrin), a 44 of angiotensin-converting enzyme-re brush border membrane of the proxir (PMID: 11278314, 16330324). Overex increased pancreatic b cell mass in v (GSIS) (PMID: 16330324, 16330323). ² ectodomain cleavage, which leads to extracellular space (the shed fragme rapidly degraded (PMID: 16330324). ²	6 kDa type I transmembrane protei elated carboxypeptidase (Ace2). Its nal tubules and collecting ducts of cpression of TMEM27 in b cells lead ivo, and also has been reported to a The abundance of TMEM27 protein o two cleavage products, a 25 kDa N nt), and a 22 kDa C-terminal fragm TMEM27 is an N-glycosylated prote EM27 can be used as a beta cell ma ter shipment.	expression has only been reported in the the kidney and in the pancreatic b cell is to increased proliferation in vitro and augment glucosestimulated ins secretion in b cells is furthermore regulated by I-terminal part that is released into the ent (CTF) remaining in the membrane that in and can form dimers with MW of 64-75	
Background Information Storage	buffer pH 6.0 TMEM27 (also termed collectrin), a 44 of angiotensin-converting enzyme-re brush border membrane of the proxir (PMID: 11278314, 16330324). Overex- increased pancreatic b cell mass in v (GSIS) (PMID: 16330324, 16330323). ² ectodomain cleavage, which leads to extracellular space (the shed fragme rapidly degraded (PMID: 16330324). kDa(patent US 20100119489 A1). TM Storage: Store at -20°C. Stable for one year aft Storage Buffer:	6 kDa type I transmembrane protei elated carboxypeptidase (Ace2). Its nal tubules and collecting ducts of cpression of TMEM27 in b cells lead ivo, and also has been reported to a The abundance of TMEM27 protein o two cleavage products, a 25 kDa N nt), and a 22 kDa C-terminal fragm TMEM27 is an N-glycosylated prote EM27 can be used as a beta cell ma ter shipment.	the kidney and in the pancreatic b cell Is to increased proliferation in vitro and augment glucosestimulated ins secretion in b cells is furthermore regulated by I-terminal part that is released into the ent (CTF) remaining in the membrane that	

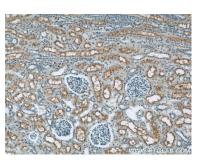
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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

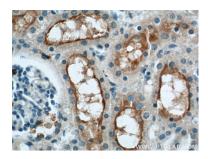
Selected Validation Data



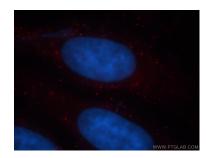
mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 19207-1-AP (TMEM27 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human kidney using 19207-1-AP (TMEM27 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human kidney using 19207-1-AP (TMEM27 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using TMEM27 antibody 19207-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).