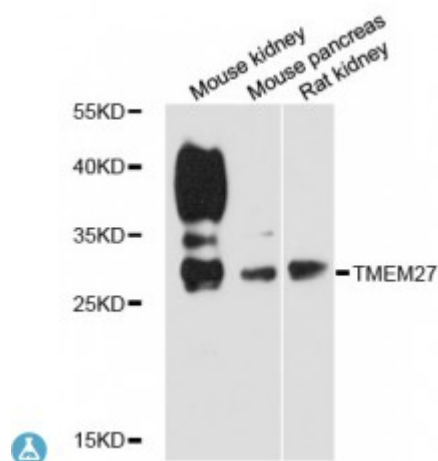


Anti-TMEM27 Antibody



Description

This gene encodes a type 1 transmembrane protein that is important for trafficking amino acid transporters to the apical brush border of proximal tubules. The encoded protein binds to amino acid transporters and regulates their expression on the plasma membrane. It also plays a role in controlling insulin exocytosis by regulating formation of the SNARE (soluble N-ethylmaleimide-sensitive-factor attachment protein receptor) complex in pancreatic beta cells. The extracellular domain of the encoded protein may be cleaved and shed from the plasma membrane specifically in pancreatic beta cells.

Model	STJ114588
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-222 of human TMEM27 (NP_065716.1).
Gene ID	57393
Gene Symbol	TMEM27
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Kidney
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Collectrin Transmembrane protein 27

Molecular Weight	25.235 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:29437OMIM:300631Reactome:R-HSA-264876
Alternative Names	Collectrin Transmembrane protein 27
Function	Regulator of SNARE complex function, Stimulator of beta cell replication,
Cellular Localization	Membrane
Post-translational Modifications	Glycosylated,

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