

TMEM174 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15730

Product Information

Application	WB
Primary Accession	Q8WUU8
Other Accession	NM_153217 , NP_694949
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26287

Additional Information

Gene ID	134288
Other Names	Transmembrane protein 174, TMEM174
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TMEM174 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TMEM174 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TMEM174
Function	Regulator of plasma phosphate homeostasis. Decreases serum inorganic phosphate (Pi) uptake by regulating the sodium-phosphate cotransporter SLC34A1 trafficking by PTH and FGF23 in the kidney.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein
Tissue Location	Predominantly expressed in kidney (PubMed:20331980). Selectively localized in the apical membrane of renal proximal tubule epithelial cells (PubMed:35459732)

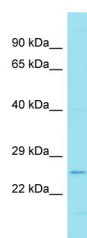
References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Wang P.,et al.Biochem. Biophys. Res. Commun. 394:993-999(2010).

Images



Host: Rabbit

Target Name: TMEM174

Sample Tissue: Jurkat Whole cell lysate

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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.