

TMEM174 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15730**Specification**

TMEM174 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8WUU8
Other Accession	NM_153217 , NP_694949
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa KDa

TMEM174 Antibody - C-terminal region - 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.

TMEM174 Antibody - C-terminal region - 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

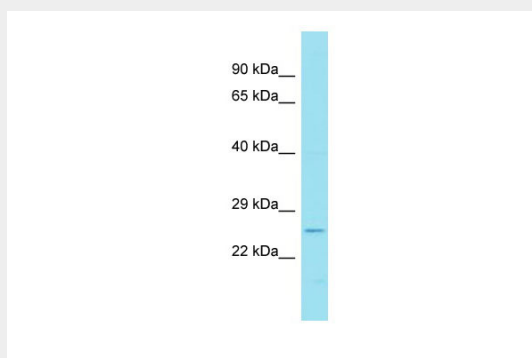
membrane of renal proximal tubule epithelial cells (PubMed:35459732)

TMEM174 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TMEM174 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: TMEM174
Sample Tissue: Jurkat Whole cell lysate
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Antibody Dilution: 1.0µg/ml

TMEM174 Antibody - C-terminal region - 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).