



lumen

peritubular space

blood

Ca^{2+}

$[\text{Ca}^{2+}]$ gradient

Ca^{2+}

⊖

water
reabsorption

AQP

AQP

⊖

Na^+

NHE-3

H^+

⊖

PTH

3 Na^+

ATPase

2 K^+

PT cell

