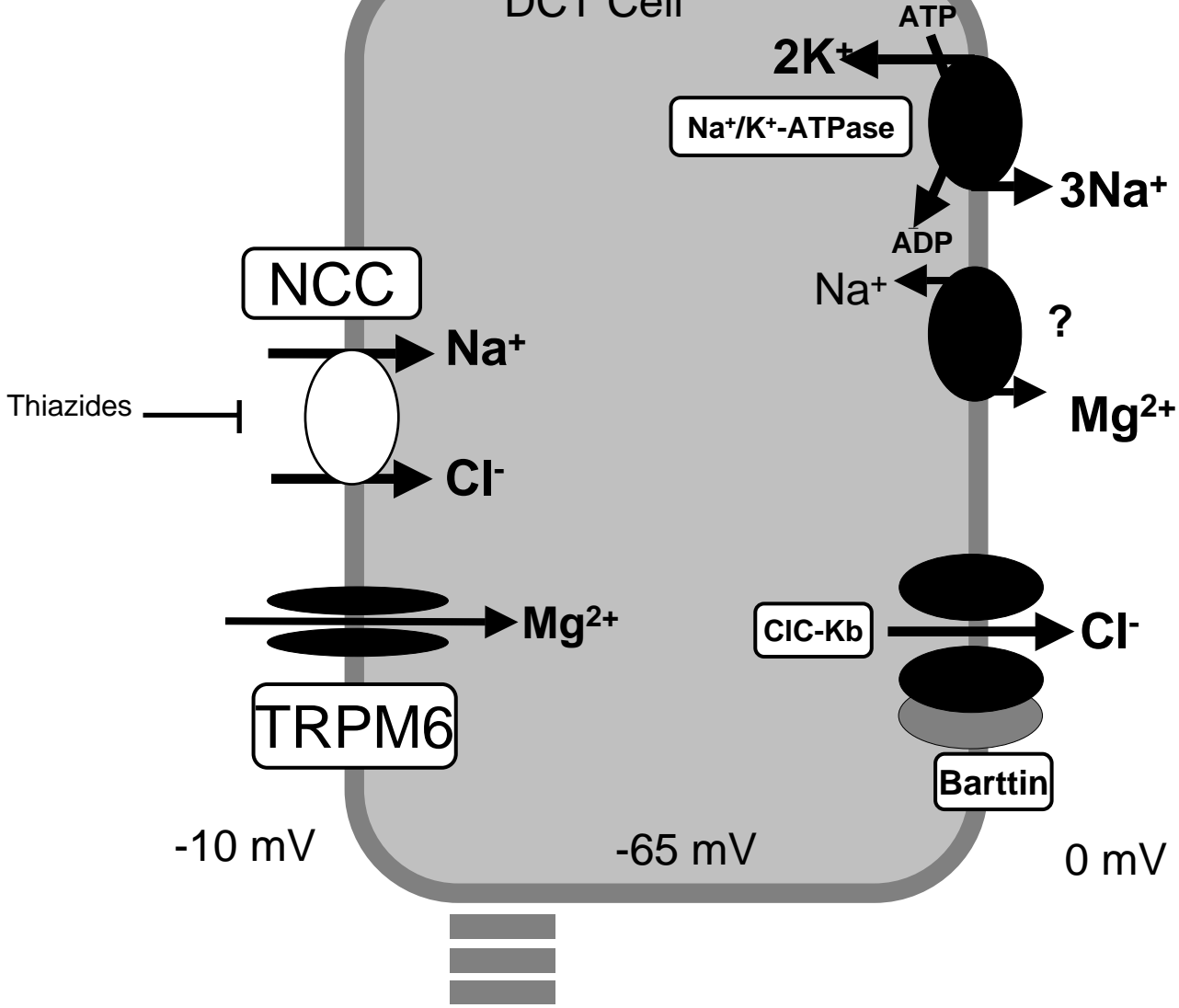


Apical

Basolateral

DCT Cell



2K⁺

ATP

Na⁺/K⁺-ATPase

3Na⁺

ADP

Na⁺

?

Mg²⁺

NCC

Na⁺

Thiazides

Cl⁻

Mg²⁺

ClC-Kb

Cl⁻

TRPM6

Barttin

-10 mV

-65 mV

0 mV