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A. WT

kDa  
Vehicle  R-568

130 -
pNKCC2 (S91)  
NKCC2

C. WT

kDa  
Vehicle  R-568

130 -
pNCC (T45,50,55)  
NCC

130 -
pWNK4 (S64)  
WNK4

130 -
\( \beta \)-actin

E. NCC

Vehicle  R-568

F. SPAK\(^{243A/243A}\)

kDa  
Vehicle  R-568

130 -
pNCC (T45,50,55)  
NCC

130 -
\( \beta \)-actin
**A.**

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<tr>
<th>kDa</th>
<th>Vehicle</th>
<th>Furosemide</th>
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- pNCC (T45,50,55)
- NCC
- β-actin

**B.**

- Fold Change
- Vehicle
- Furosemide

**C.**

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- pWNK4 (S64)
- WNK4
- β-actin

**D.**

- Fold Change
- Vehicle
- Furosemide
A. Vehicle (0.60 μg/ml/min)

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<th>R-586</th>
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</table>

- pNCC (T45,50,55)
- NCC
- pSPAK (S373)
- SPAK
- β-actin

B.

- pNCC/NCC (Fold Change)
- pSPAK/SPAK (Fold Change)

Vehicle vs. R-586

** (p < 0.01)

* (p < 0.05)
Increased calcium and salt delivery to the distal nephron

Hypercalcemia

Salt recovery

Calcium excretion

Transepithelial voltage

Increased calcium and salt delivery to the distal nephron

Hypercalcemia

Salt recovery

Calcium excretion

Transepithelial voltage