

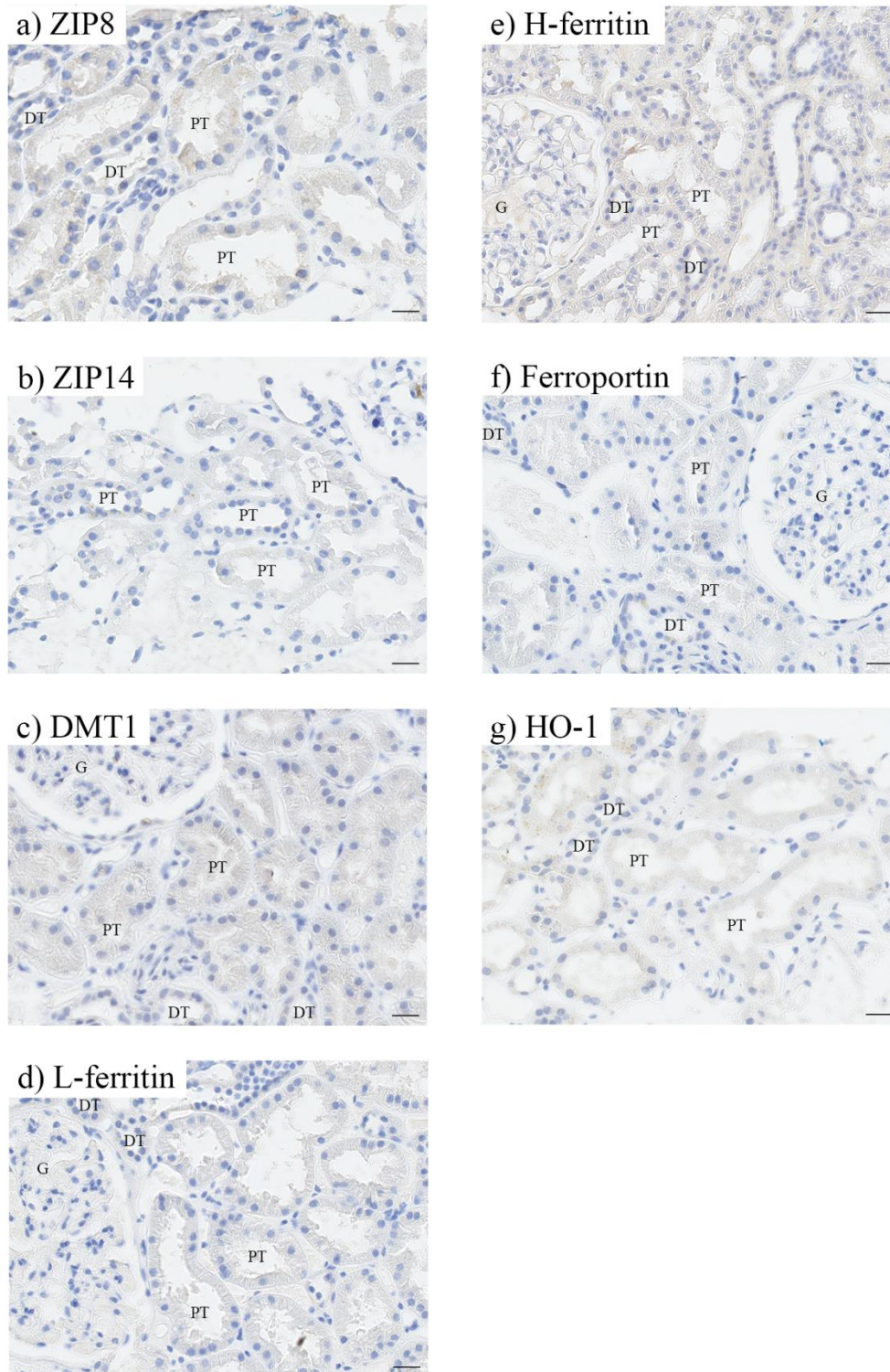
## **Supplementary information**

### **Tubular iron deposition and iron handling proteins in human healthy kidney and chronic kidney disease**

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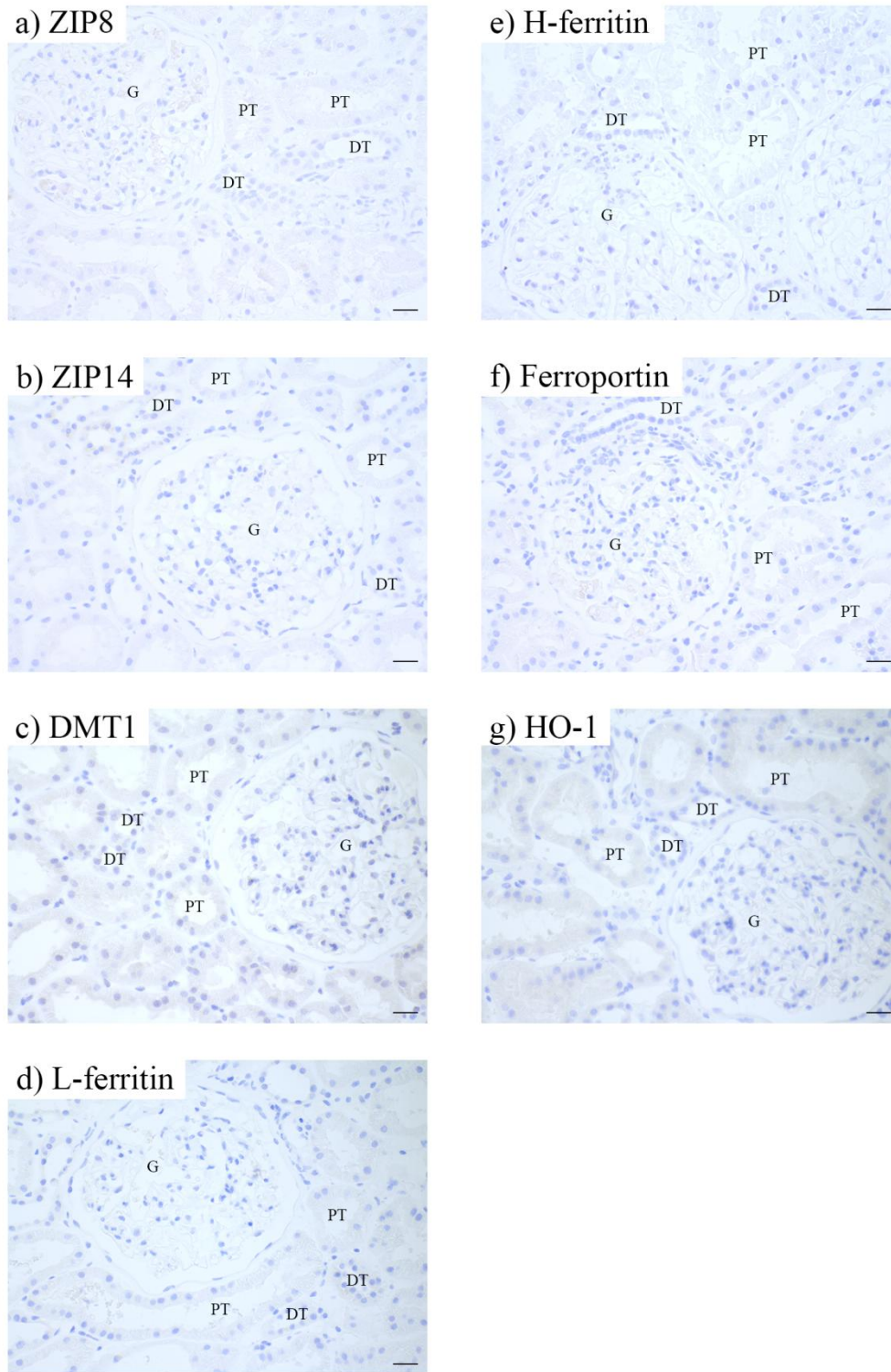
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**Supplementary Figure 1: Primary antibody control stainings**

Representative images of primary antibody control (primary antibody replaced by IgG control) for staining procedure of ZIP8 (a), ZIP14 (b), divalent metal transporter 1 (DMT1; c), L-ferritin (d), H-ferritin (e), ferroportin (f) and heme oxygenase-1 (HO-1; g). Renal structures indicated as glomerulus (G), proximal tubule (PT), and distal tubule (DT). Scale bar 20  $\mu$ M.



**Supplementary Figure 2: Secondary antibody control stainings**

Representative images of secondary antibody control (omission of primary antibody) for staining procedure of ZIP8 (a), ZIP14 (b), divalent metal transporter 1 (DMT1; c), L-ferritin (d), H-ferritin (e), ferroportin (f) and heme oxygenase-1 (HO-1; g). Renal structures indicated as glomerulus (G), proximal tubule (PT), and distal tubule (DT). Scale bar 20  $\mu$ M.