



**Figure 9.11** Diagram showing two typical nephrons, one “long-looped” (located close to the border of the medulla and therefore called juxtamedullary) and one “short-looped” (or cortical) nephron. The long-looped nephron is paralleled by a loop formed by the blood capillary. The short-looped nephron is surrounded by a capillary network. Most mammalian kidneys contain a mixture of the two types of nephrons, but some species have only one or the other kind. [Smith 1951]