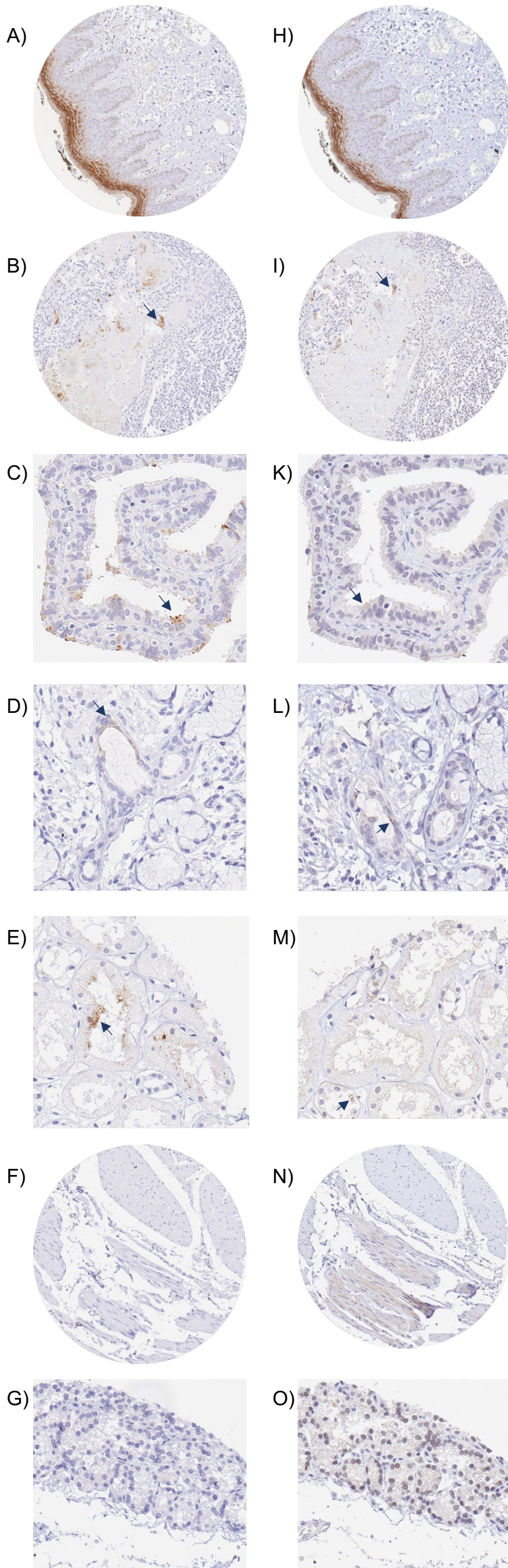




Supplementary Figure 3. Immunohistochemistry validation by comparison of antibodies. Using MSVA-707M, a predominantly membranous KLK7 positivity is seen in the granular cell layer of the anal skin (**A**), few squamous epithelial cells in the tonsil crypt (**B**), few individual cells in the fallopian tube (**C**), few epithelial cells in a submandibular gland (**D**), and in few tubular cells of the kidney (**E**) while KLK7 staining was absent in the muscular wall of the colon (**F**) and in the parathyroid (**G**). Using clone EPR22594-203, a weaker but otherwise similar KLK7 positivity is seen in the anal skin (**H**), tonsil crypts (**I**), fallopian tube (**K**), submandibular gland (**L**), and in the kidney (**M**). Clone EPR22594-203 generally resulted in more background staining and tended towards cytoplasmic staining in smooth muscle cells such as in the colon wall (**N**) and occasional nuclear staining such as in the parathyroid (**O**). The images **A-G** and **H-O** are from consecutive tissue sections. Relevant areas are highlighted by arrows in some images.