

Additional File 3: Optimization of antibodies against p-AMPK (T172) and p-ACC (S79) for immunohistochemistry. The antibodies for p-AMPK (T172) and p-ACC (S79) were optimized for IHC using MCF-7 cells. Cells were left untreated or treated with 2mM AICAR for 3 hours. p-AMPK (T172) and p-ACC (S79) signal was detected by IHC staining (A and C) and confirmed by Western blotting (B and D). Scale bar 30 um (A), 60 um (C).