



*P-score: (p-protein [tumor] / pan-protein [tumor]) / (p-protein [normal] / pan-protein [normal])

**GAPDH-score: (protein [tumor] / GAPDH [tumor]) / (protein[normal] / actin [normal])

Additional Fig. 1. Protein expression analysis by Western blot analysis. p-Akt, p-mTOR, p-S6RP and p-4EBP were detected in all tumor samples. Immunohistochemically positive proteins showed higher P-score >1.0. As for PTEN and HSP90, the expression levels in Western blotting comparatively corresponded with the immunohistochemical results. T: tumor tissue; N: normal tissue.