

**Figure S1.** Specificity of primary antibody against p-SH3GLB1. Muscle lysates were processed in the absence (-) or presence (+) of alkaline phosphatase, spotted in the same amounts on PVDF membrane, and were then incubated with antibodies against GAPDH (loading control), SH3GLB1, and customized primary antibody against p-T145 SH3GLB1. This was followed by incubation with corresponding secondary antibodies coupled to horseradish peroxidase. The image shows chemiluminescence signals of a representative blot from 1 of 3 such preparations.