



**Figure S1** Detections of the specificity of the Abs by Western blot analysis. Samples in lanes were derived from GEFS+ mice with different groups. The arrows pointed towards direct at the specific IL-6 (A), GAPDH (B) and STAT3 (C) bands. The expression levels of IL-6 and GAPDH were normal (A1 & B1), GEFS+ by the administration of Stattic (100  $\mu$ M/kg) (A2, B2 & C1) and GEFS+ (A3, B3 & C2), the figures showed here are full-length blots without any modification.