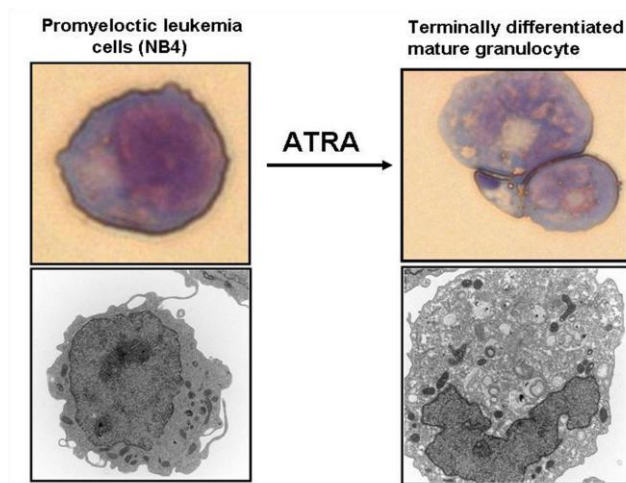
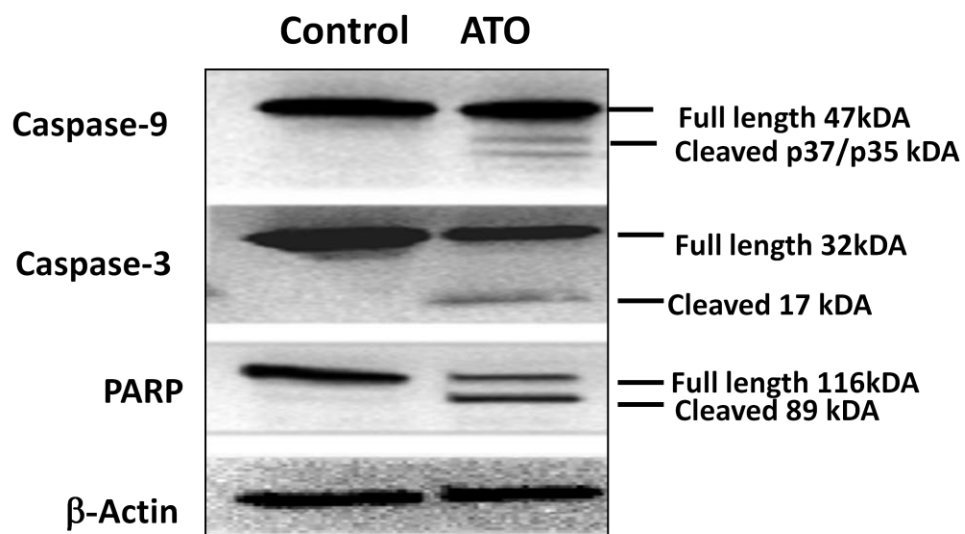


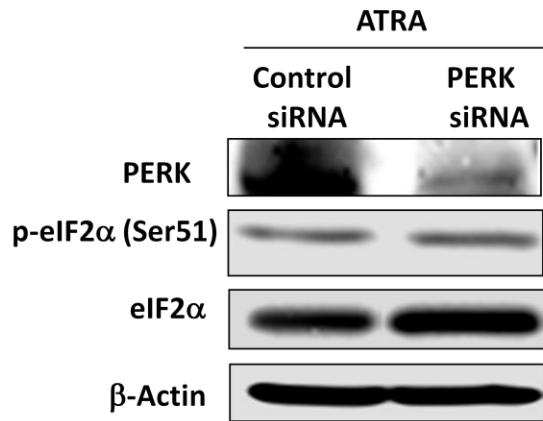
## Supplementary Figures



**Supplementary Figure 1;** ATRA induced changes in NB4 cells following May-Grünwald-Giemsa by light and electron microscopy (39). Ozpolat *et al.*,



**Supplementary Figure 2:** ATO induces apoptosis in APL cells. Apoptosis was evidenced by caspase 9, 3 and PARP cleavage in NB4 cells by 1uM ATO. (24h)  
.Ozpolat *et al.*,



**Supplementary Figure 3.** Knockdown of PERK by siRNA has no effect on phosphorylation of eIF2 $\alpha$  in NB4 cells. Cells were transfected with PERK or control siRNA for 48h. 24h after ATRA treatment cells were collected, lysed and analyzed by Western blot.