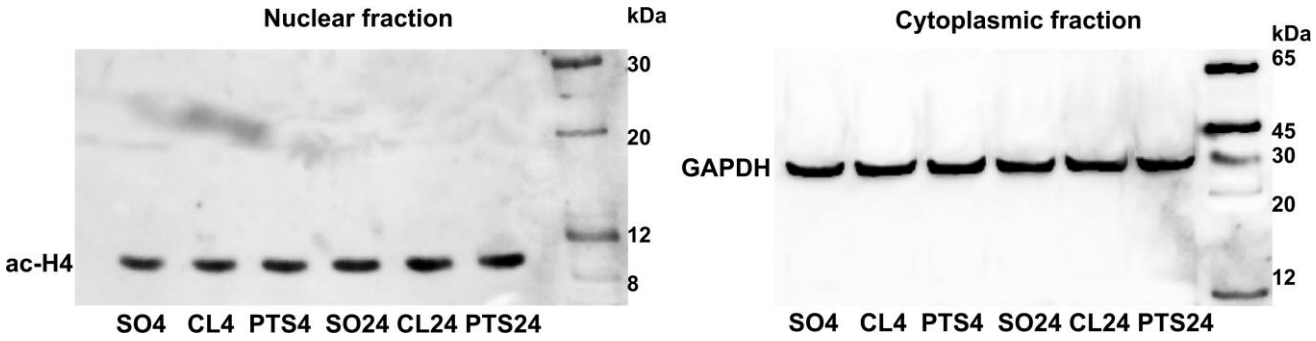
Supplementary Material



Supplementary Figure 1. Evaluation of the purity of the obtained nuclear and cytoplasmic fractions by Western blotting of penumbra tissue 4 h (PTS4) and 24 h (PTS24) after photothrombotic stroke in rats; cerebral cortex of the intact contralateral hemisphere (CL4 and CL24), as well as the cerebral cortex of sham operated animals 4 h (SO4) and 24 h (SO24) after irradiation. Acetylated histone H4 (ac-H4) protein was used as a nuclear fraction marker. We used Antiacetyl-Histone H4 produced in rabbits (# 06-866, Merck) at a dilution of 1:500. The protein glyceraldehyde-3-phosphate dehydrogenase (GAPDH) was used as a marker of the cytoplasmic fraction. We used the Anti-GAPDH antibody produced in rabbits (G9545, Sigma Aldrich) at a dilution of 1:1000.