

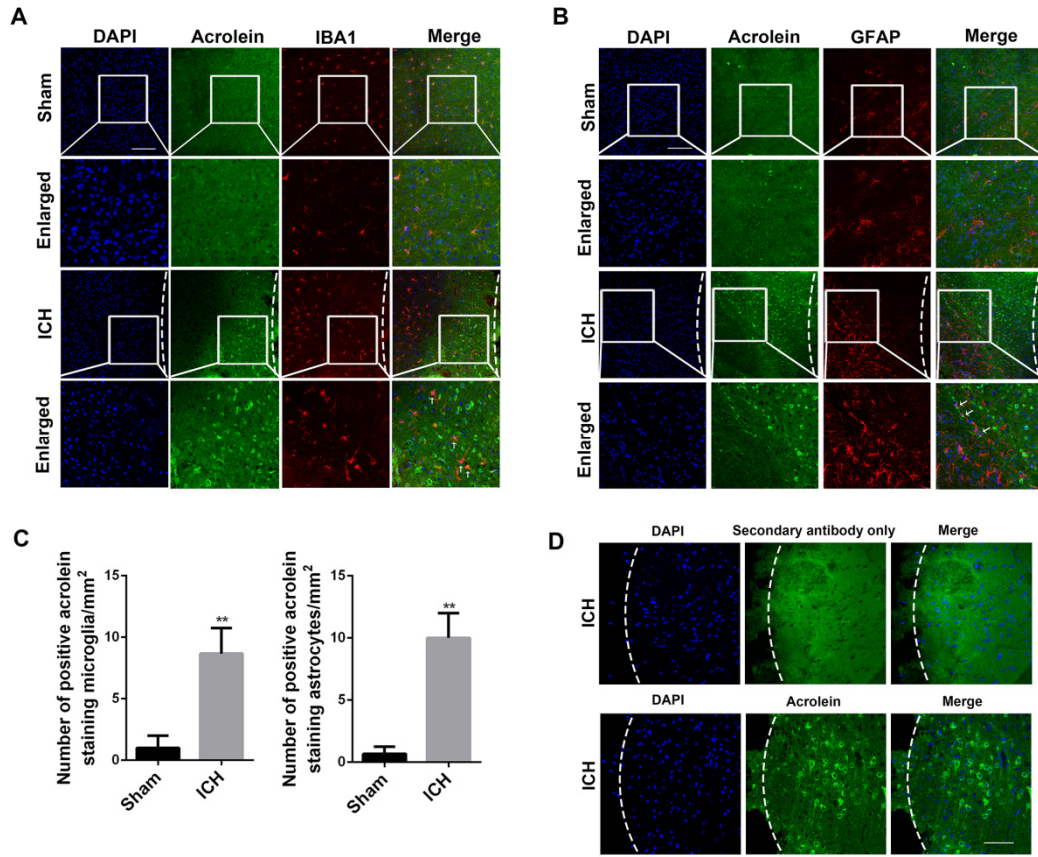


Fig. S1 A, B Representative images of double immunofluorescence staining for acrolein (green) with IBA1 (red in A) or GFAP (red in B) in the peri-hematoma area 72 h after ICH (arrows, acrolein-positive cells; dashed lines, hemorrhage sites). **C** Semi-quantification of acrolein-positive microglia and astrocytes ($n = 6$ mice per group; data are presented as the mean $\pm$ SEM; ** $P < 0.01$ vs sham group). **D** Representative images of ICH mouse brain sections incubated with secondary antibodies only as a negative control to demonstrate the specificity of acrolein antibody (scale bar, 200 μ m).

(from left to right)

Groups: Marker+ Mitochondrial proteins +Marker+ Cytoplasmic proteins
sham ICH ICH+Hyd sham ICH ICH+Hyd

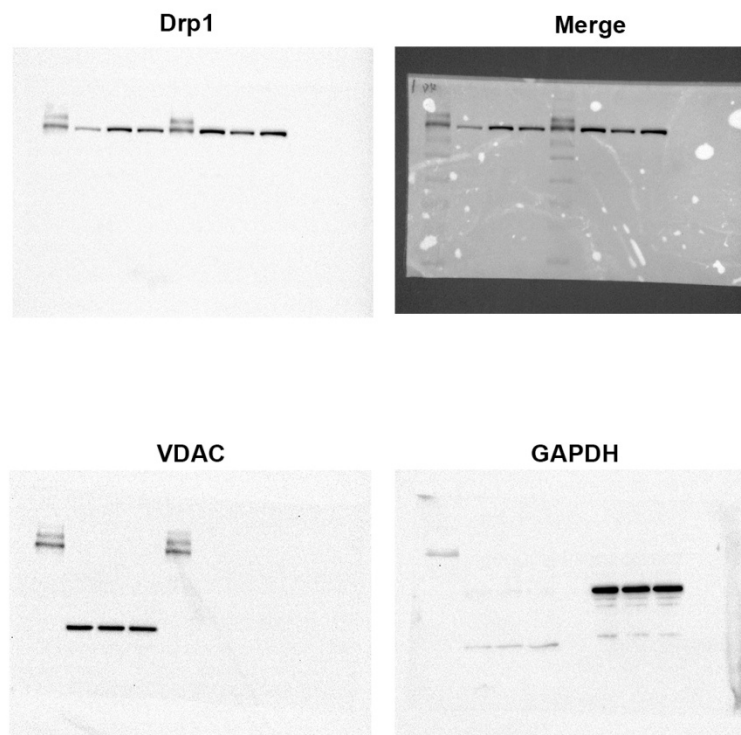


Fig. S2 Original images of protein bands of cyto-Drp1, mito-Drp1, Drp1, VDAC, and GAPDH in different groups of mice.

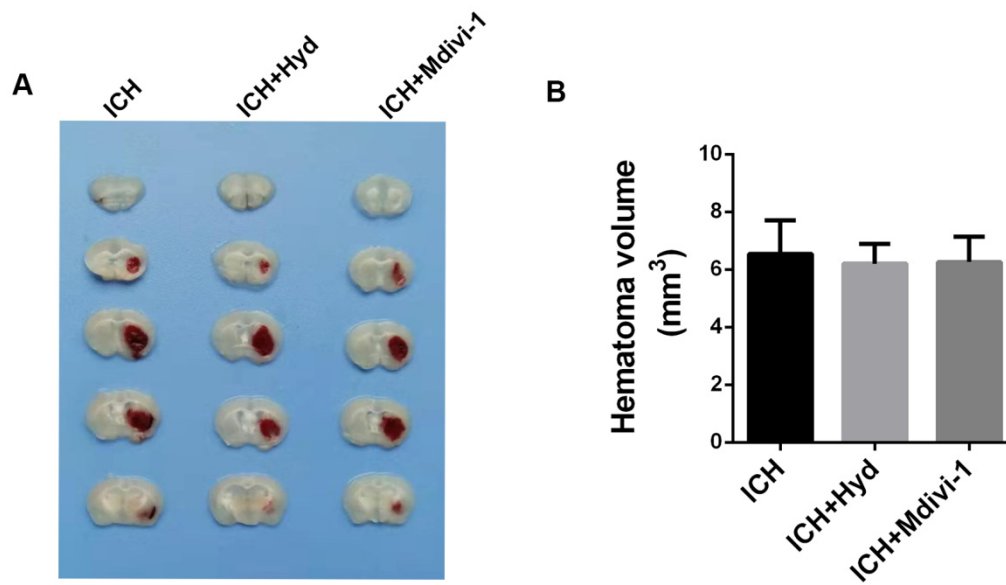


Fig. S3 **A** Typical images of brain slices from mice 72 h after ICH (red, hematoma area). **B** Statistical analysis of hematoma volumes in brain slices using ImageJ software ($n = 6$ per group).