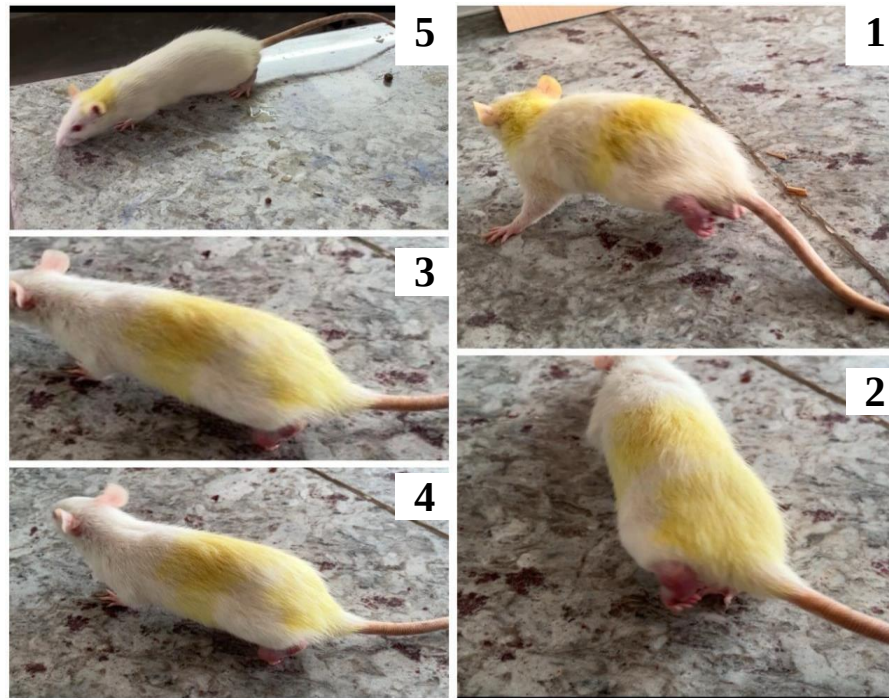
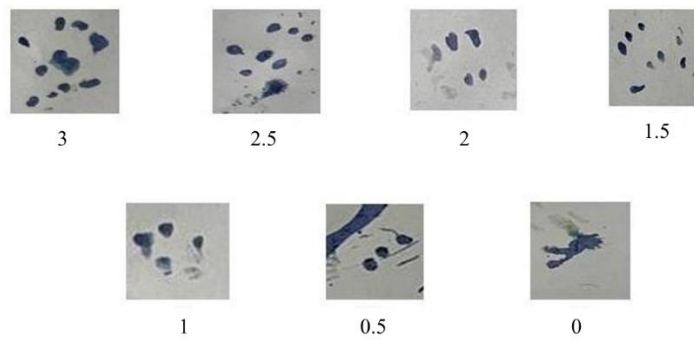


## Supplementary Figures

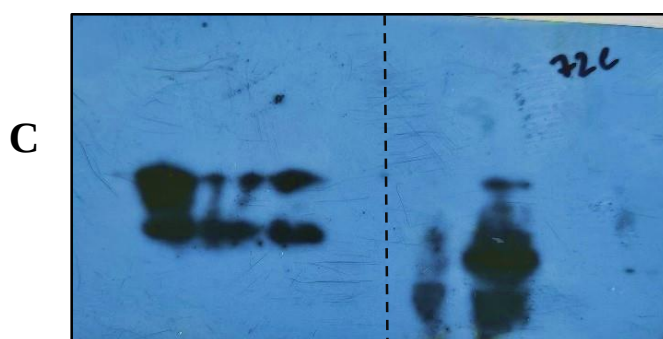
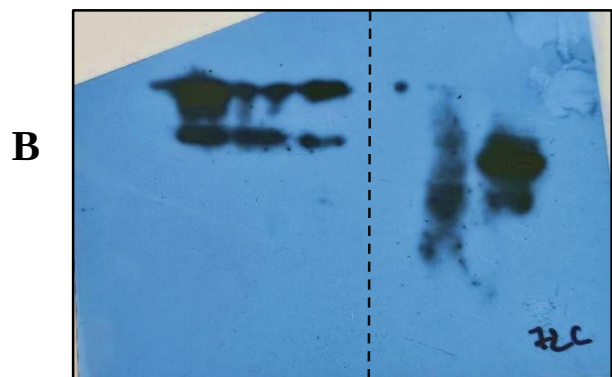
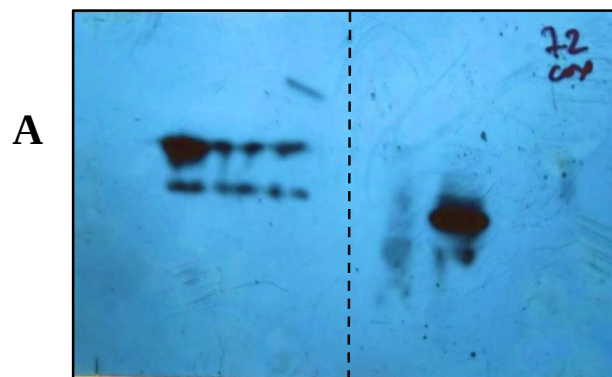


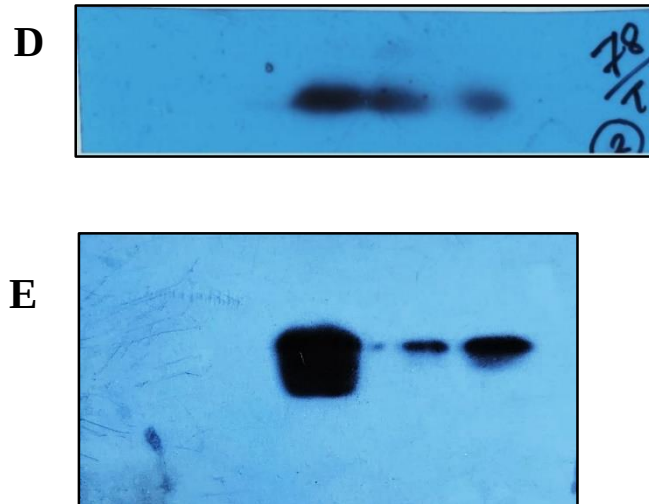
**Figure S1. Scoring of Gait analysis**

No weight placed on the leg.(1), Inflamed hind paw used only occasionally.(2), Occasional walking on only three paws with hopping gait.(3), Inflamed leg only occasionally not used in walking.(4), Normal walking.(5)



**Figure S2. Visual rating scores of weight-bearing**





**Figure S3. Full blot pictures of COX-2 expression by western blot analysis**

For blot A, B and C first four wells (left side of divider) wells are used in this study, and well no. 6-10 (right side of divider) was from a different study.