

***Dioscorea nipponica* Makino rhizome extract and its active compound dioscin protect against neuroinflammation and scopolamine-induced memory deficits**

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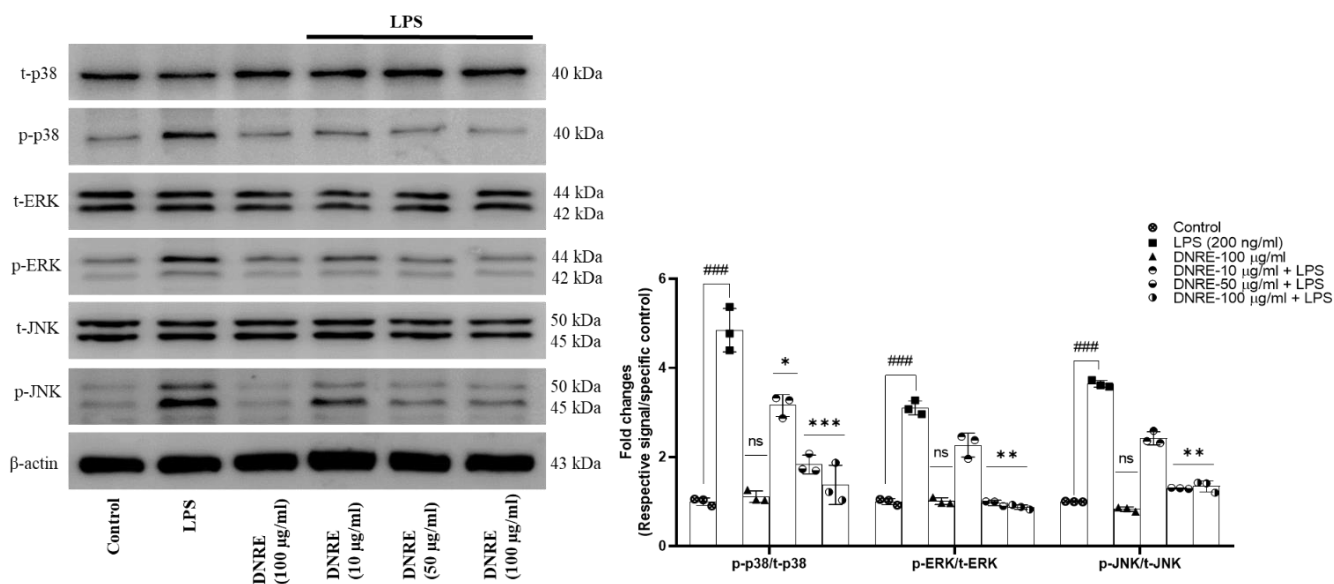
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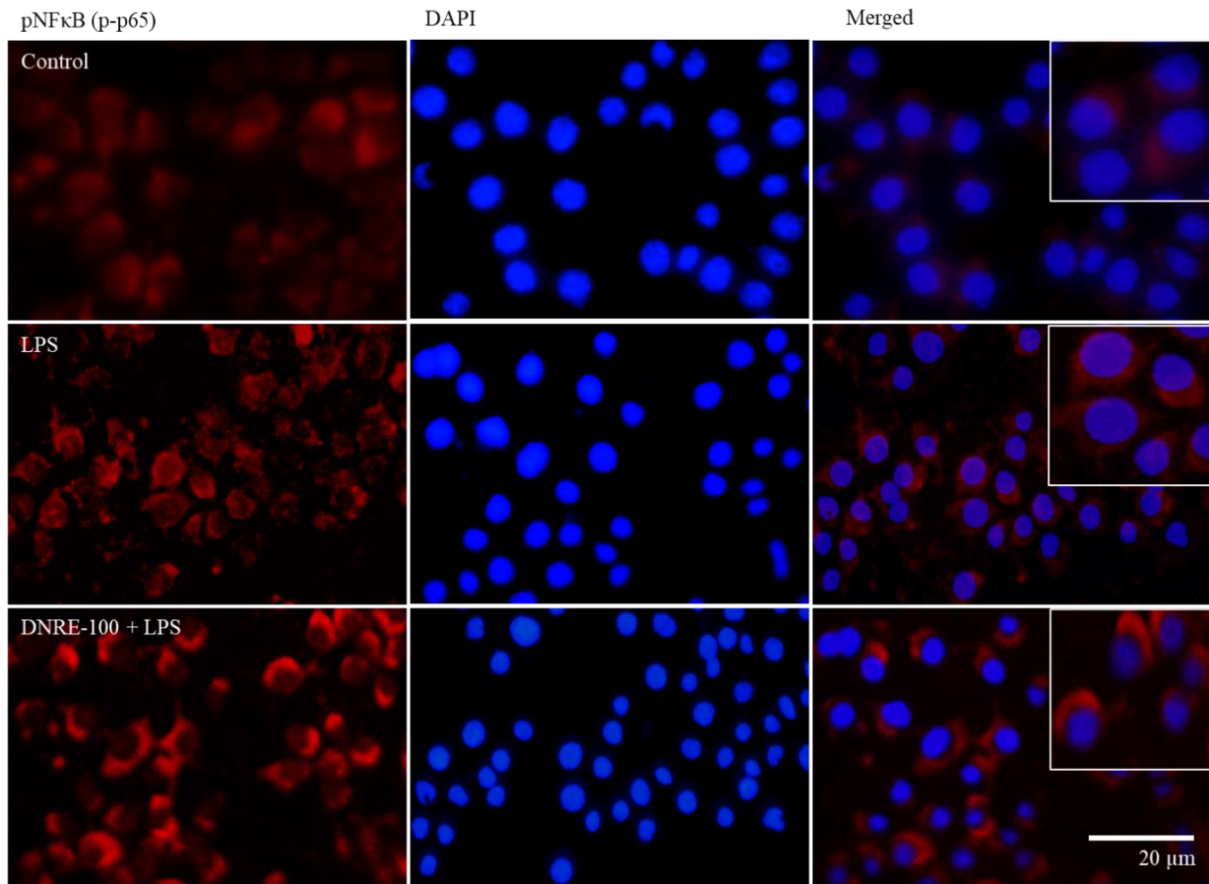
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Supplementary Figure S1: DNRE effects on MAPK signalling. Protein expression of mediators of MAPK signalling in LPS treated BV-2 cells with or without DNRE and densitometric calculation using ImageJ. ns-not significant compared with non-treated; ## $p<0.01$, ### $p<0.001$ compared with non-treated; ** $p<0.01$, *** $p<0.001$ compared LPS vs LPS+DNRE.



Supplementary Figure S2: BV-2 cells were treated with or without LPS and DNRE for 24 h. Cells were stained with anti-phosphorylated NFκB (p-p65). Images were taken using Nikon fluorescence imaging system (scale bar = 20 μm).

Full unedited blots sample for respective figures-

Fig 3

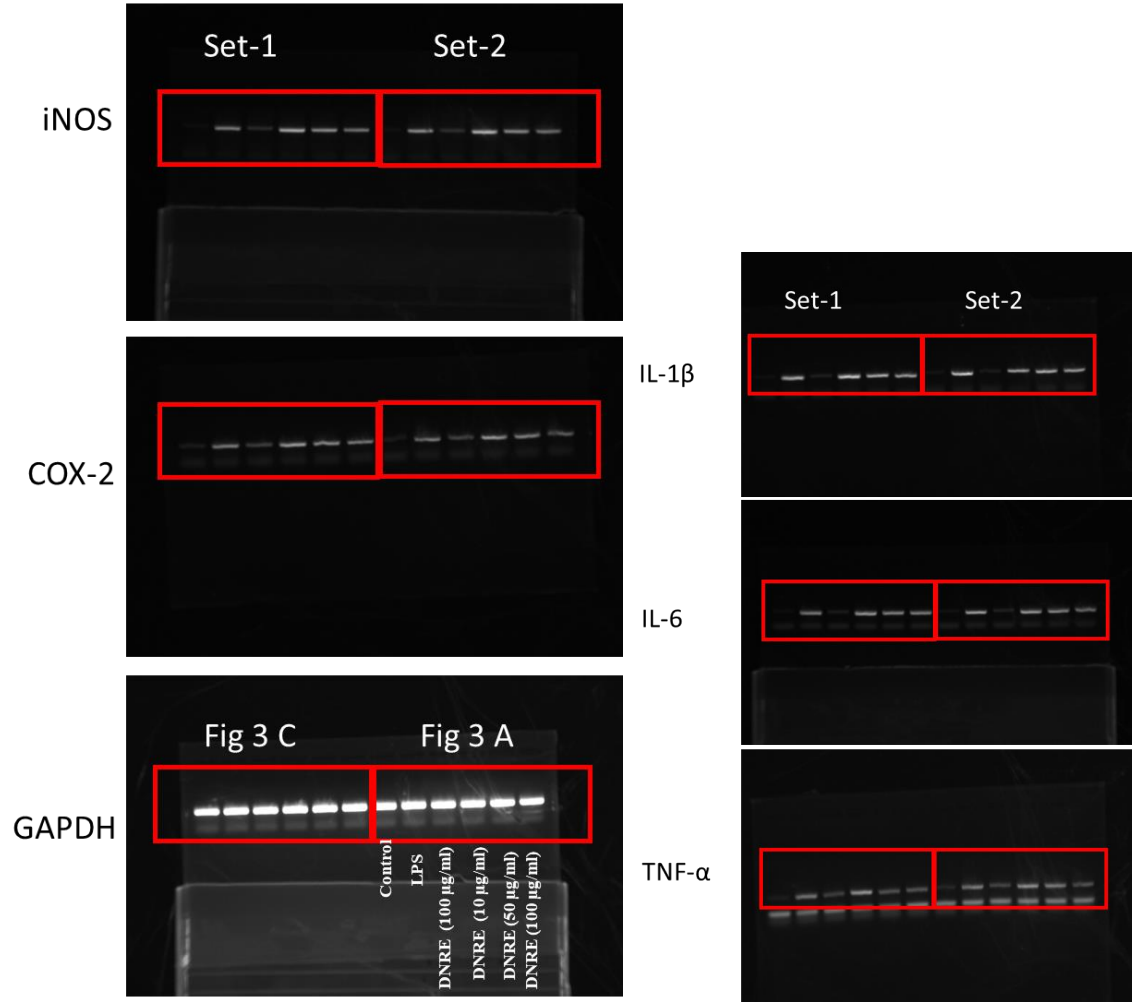


Fig 3 B

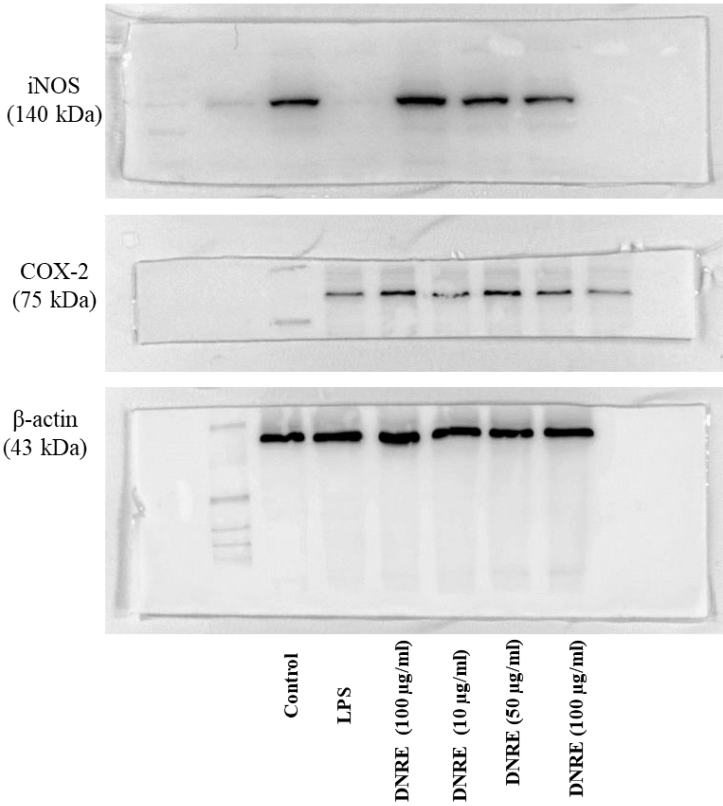


Fig 4 A

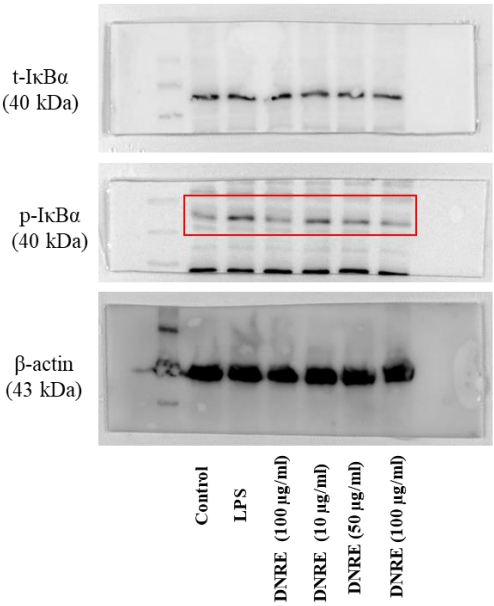


Fig 4 B

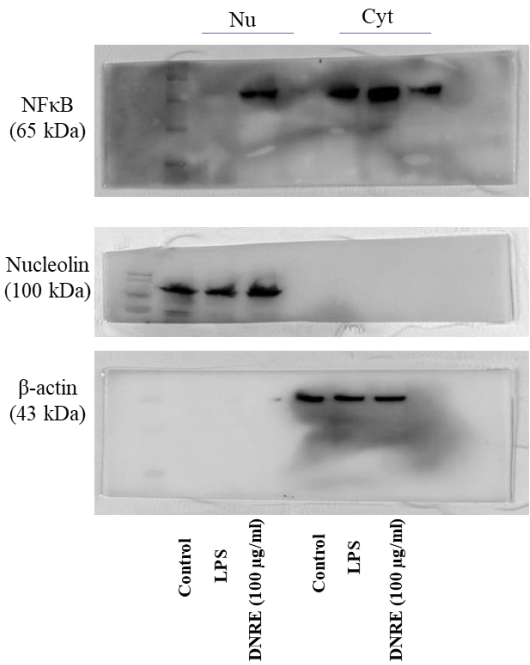


Fig 5 B

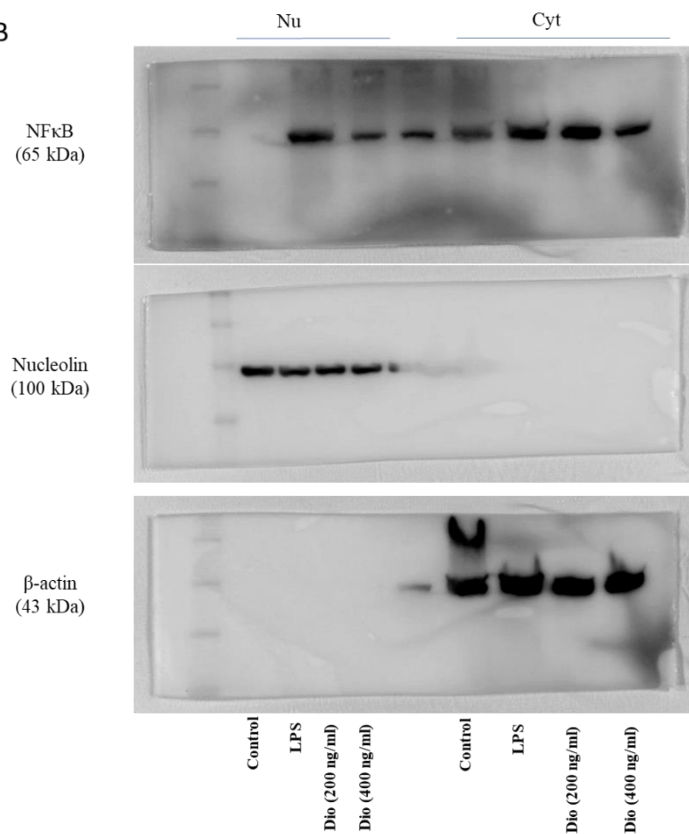


Fig 7 A

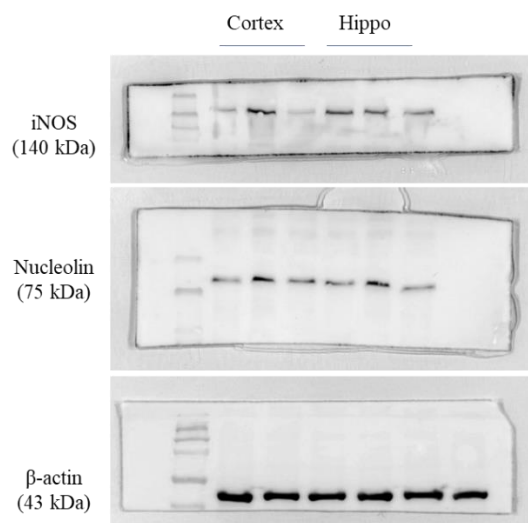
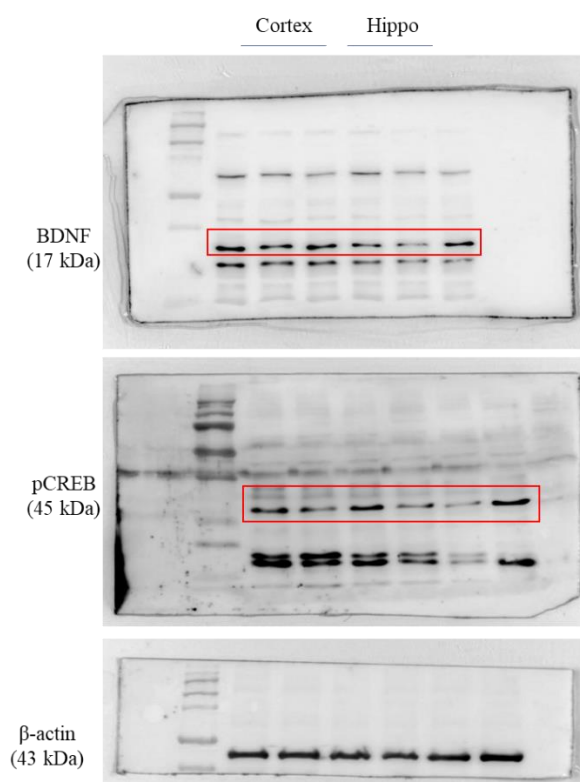


Fig 7 B



Supplementary Figure S1

