

Supplementary Information

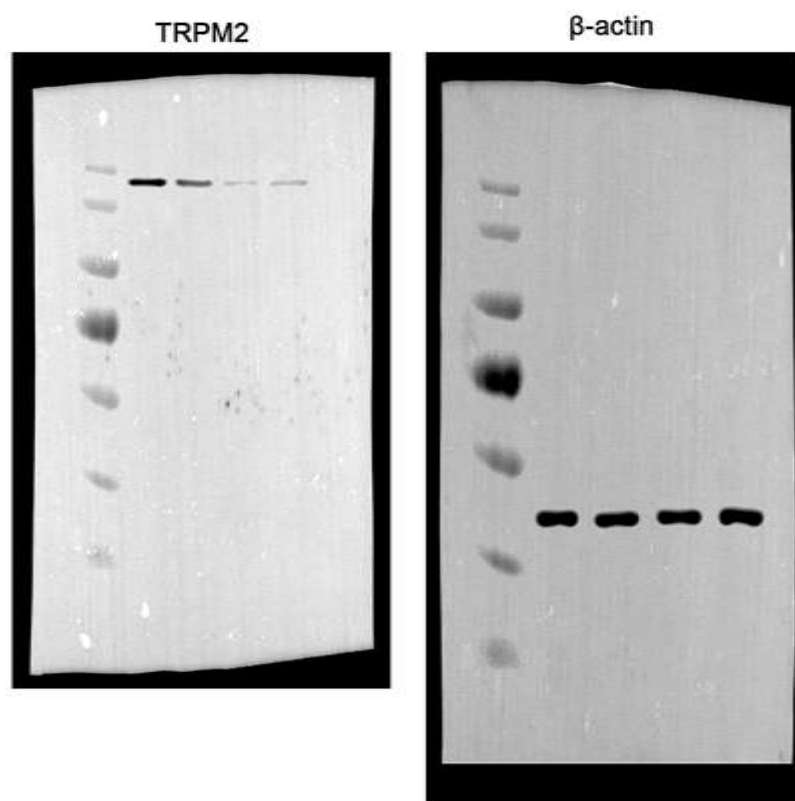
PARP1-TRPM2-PKC cascade distinctly regulates reactive astrogliosis and clasmatodendrosis through NF- κ B and AKT pathways in the hippocampus of chronic epilepsy rats

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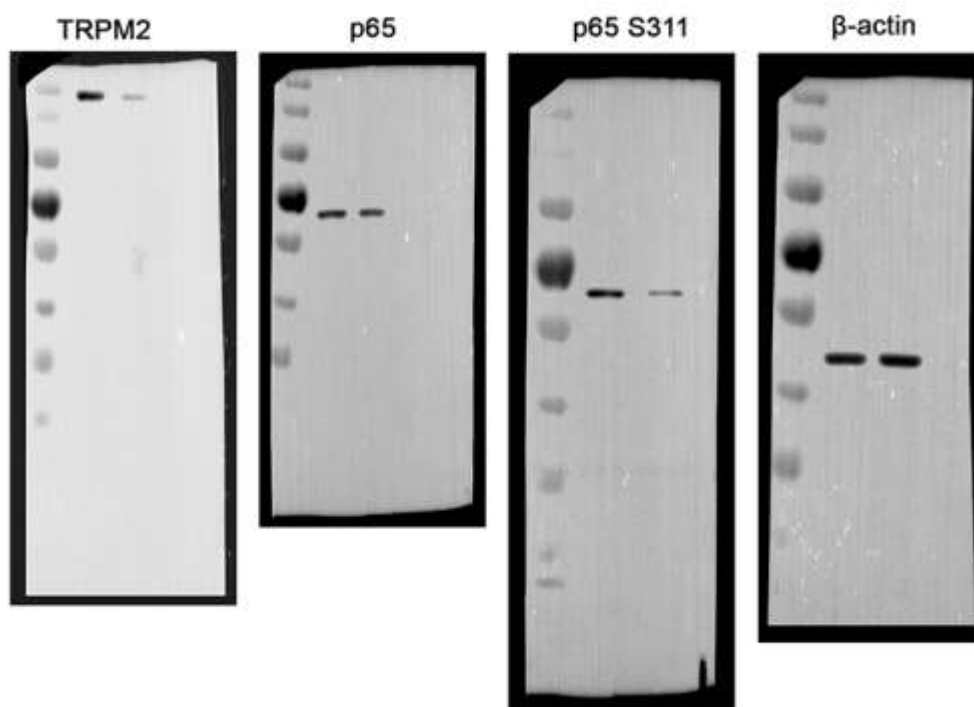
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Fig. 1c



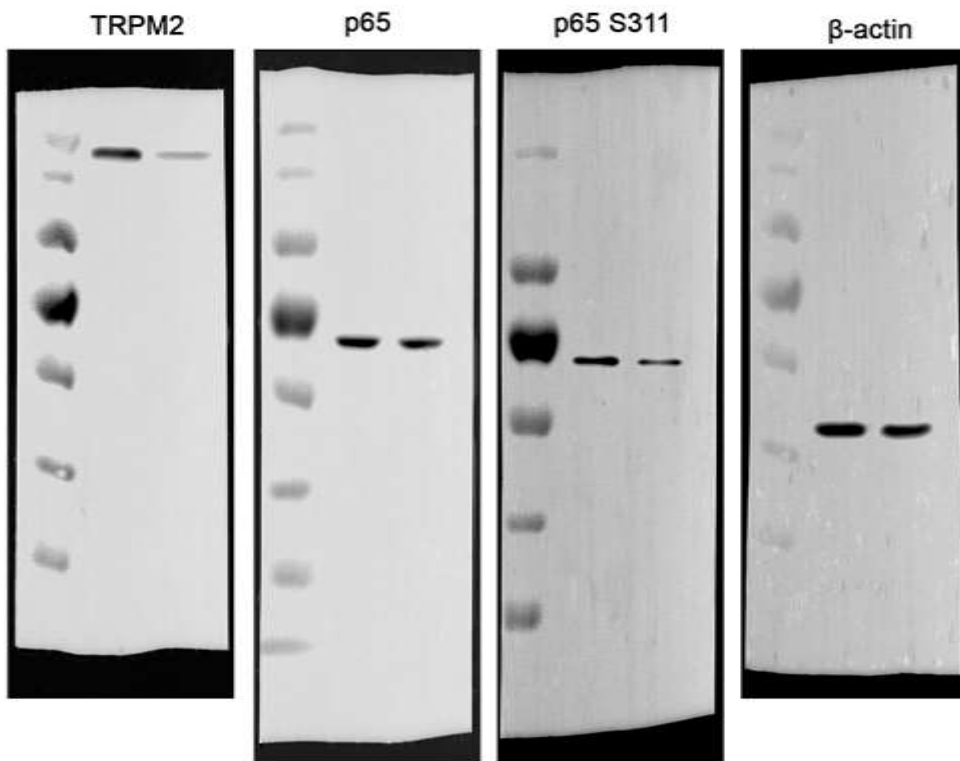
Supplementary Figure 1. Full-length gel images of Western blot data in Figure 1c.

Fig. 3f

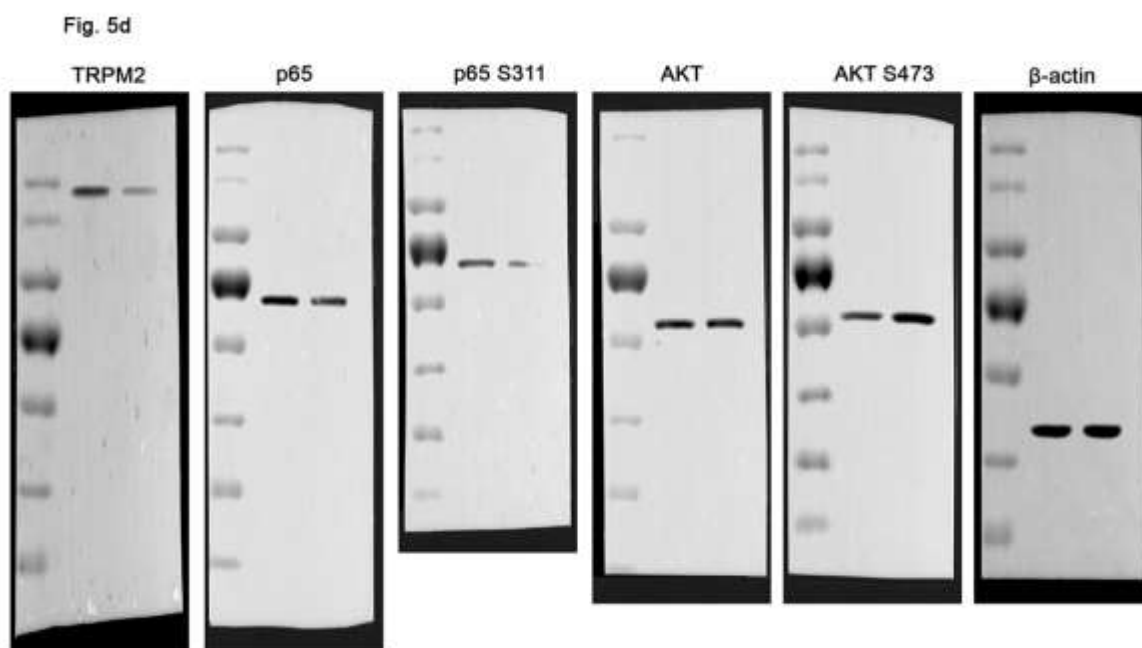


Supplementary Figure 2. Full-length gel images of Western blot data in Figure 3f.

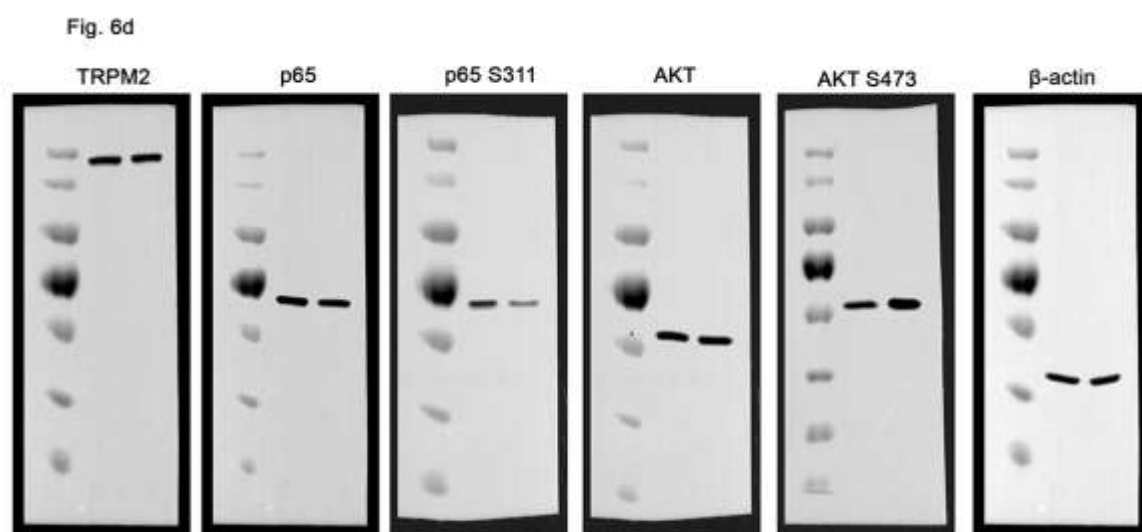
Fig. 4f



Supplementary Figure 3. Full-length gel images of Western blot data in Figure 4f.

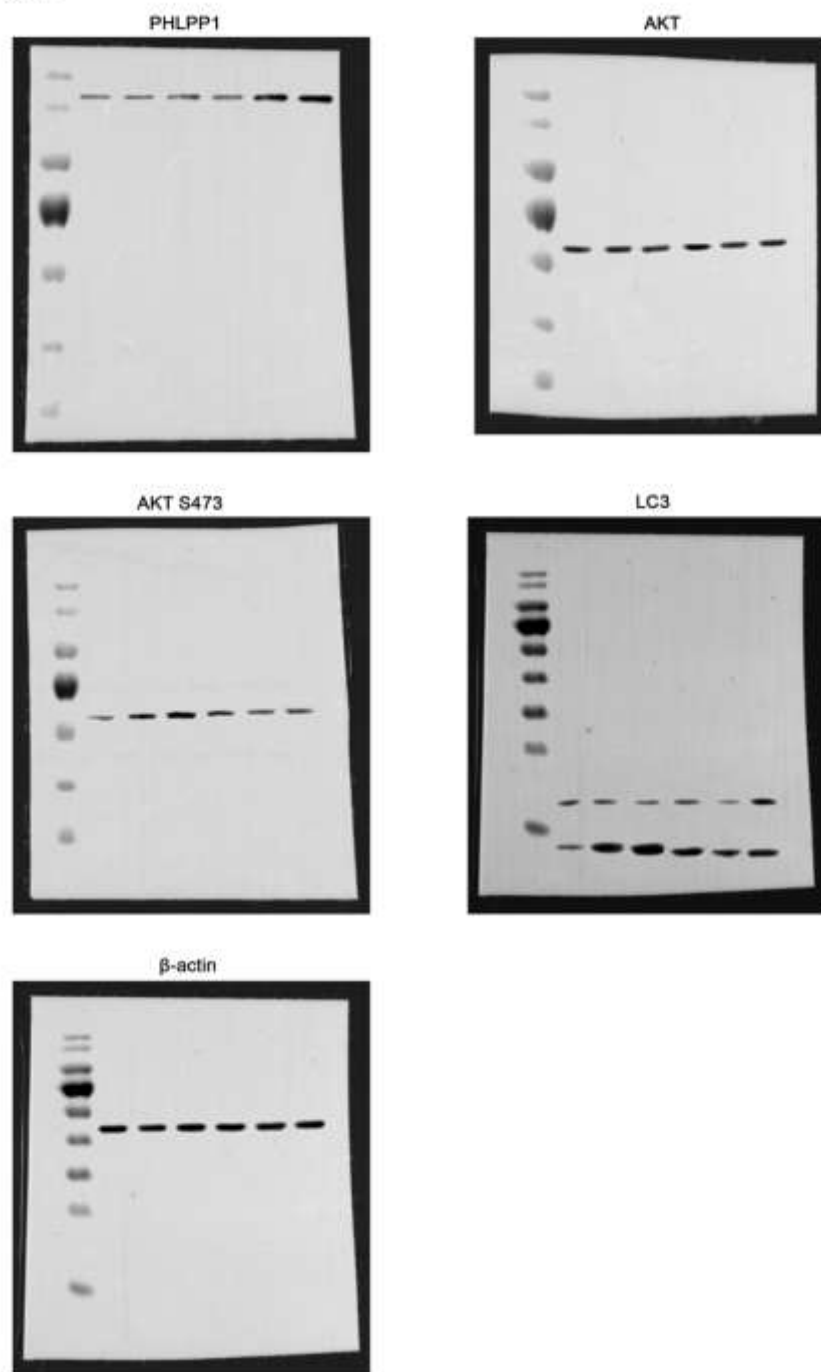


Supplementary Figure 4. Full-length gel images of Western blot data in Figure 5d.



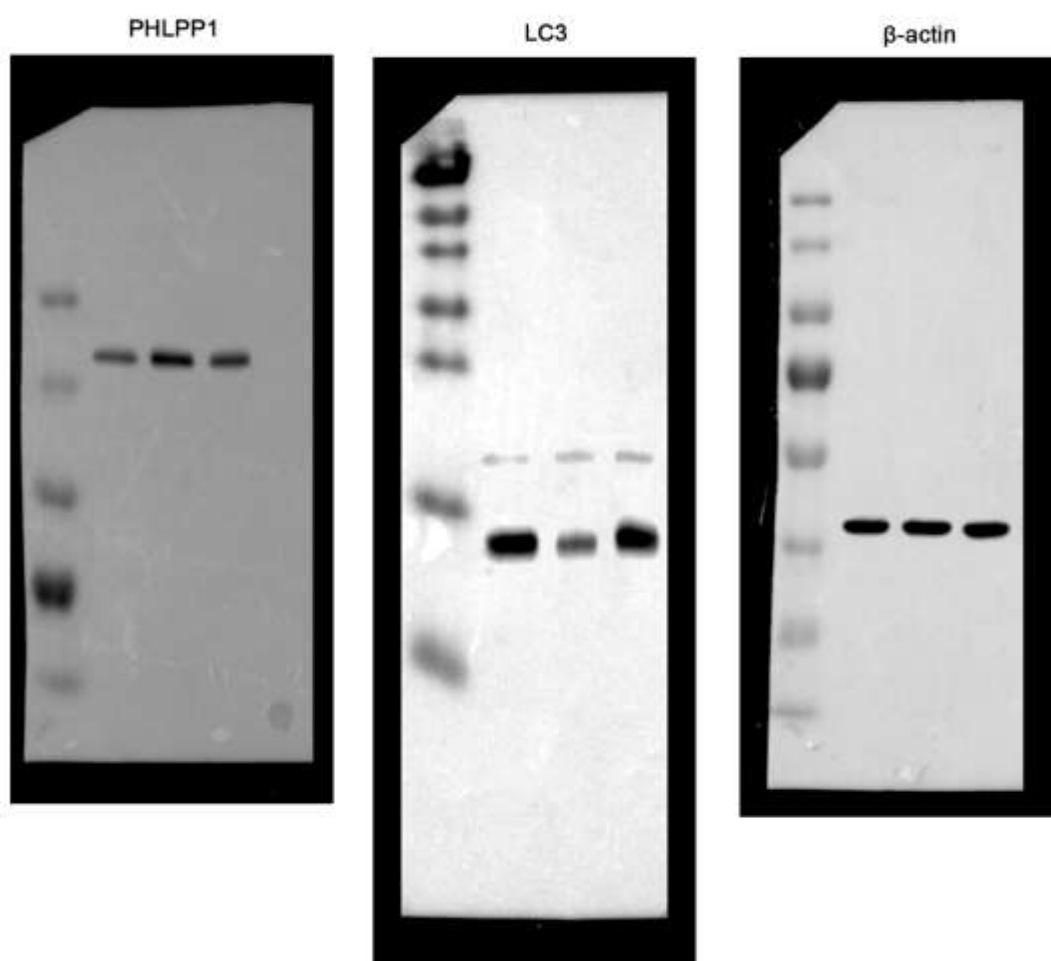
Supplementary Figure 5. Full-length gel images of Western blot data in Figure 6d.

Fig. 7a



Supplementary Figure 6. Full-length gel images of Western blot data in Figure 7a.

Fig. 8a



Supplementary Figure 7. Full-length gel images of Western blot data in Figure 8a.

Supplementary Table 1. Primary antibodies used in the present study

Antigen	Host	Manufacturer (Catalog number)	Dilution
AKT	Rabbit	Cell signaling (#9272)	1:1,000 (WB)
AKT S473	Rabbit	Cell signaling (#4060)	1:250 (IH) 1:1,000 (WB)
CD11b	Mouse	Bio-Rad (#MCA275R)	1:100 (IH)
GFAP	Mouse	Millipore (#MAB3402)	1:2,000 (IH)
LC3	Rabbit	Abgent (#AP1802a)	1:100 (IH) 1:1,000 (WB)
NeuN	Guinea pig	Millipore (#ABN90P)	1:1,000 (IH)
NF- κ B p65	Rabbit	Abcam (ab16502)	1:2,000 (WB)
NF- κ B p65 S311	Rabbit	Abcam (ab194926)	1:100 (IH) 1:1,000 (WB)
PARP1	Rabbit	Abnova (#PAB11729) Abcam (ab32138)	1:100 (IH) 1:100 (IH)
PHLPP1	Rabbit	Millipore (#07-1341)	1:1,000 (WB)
TRPM2	Rabbit	Abcam (ab11168)	1:100 (IH) 1:300 (WB)
β -actin	Mouse	Sigma (#A5316)	1:5,000 (WB)

IH: Immunohistochemistry; WB: Western blot