

Inflammasome adaptor ASC promotes sustained neuroinflammation and mild cognitive impairment in a closed-head injury model

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***Authorship notes:** TL and SC-G contributed equally to this work.

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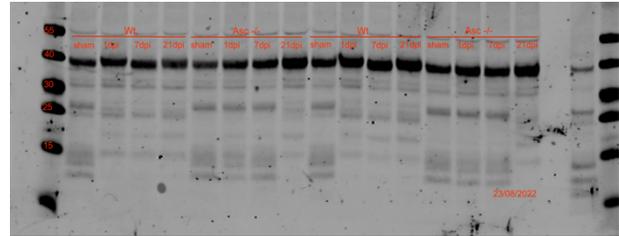
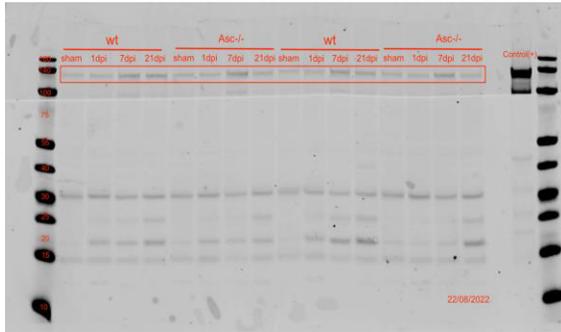
Competing interests: M.T.H. is a scientific advisory board member at Alector the Dementia Discovery Fund, and Muna Therapeutics and has received honoraria for oral presentations from Pfizer, Novartis, Roche, Abbvie, and Biogen. E.L. is a co-founder and adviser at IFM Therapeutics, Dioscure Therapeutics, Stealth' Biotech, and Odyssey Therapeutics

Fig. 2A

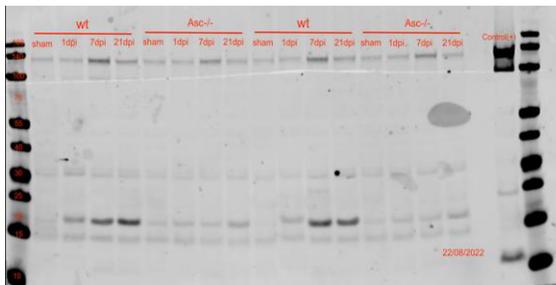
Anti-NLRP3
NLRP3
anti-GAPDH

kDa
115
40

Blot 1



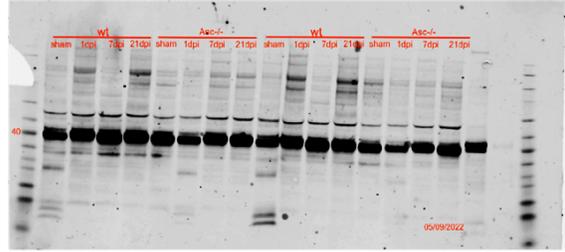
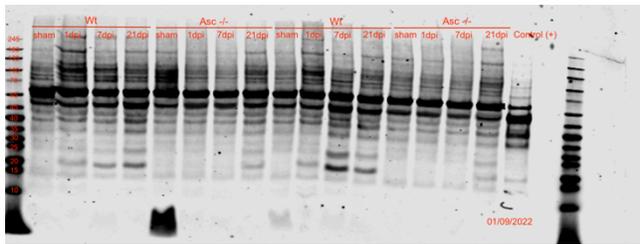
Blot 2



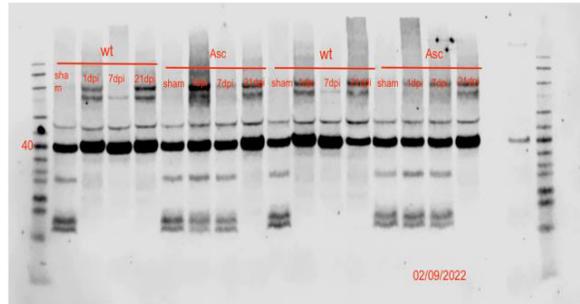
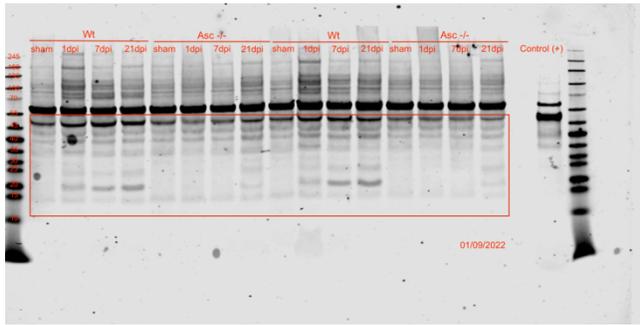
anti-Casp
1

Kda
Pro-
Casp1 50
Cle-
Casp1 20
anti-
GAPDH 40

Blot 1

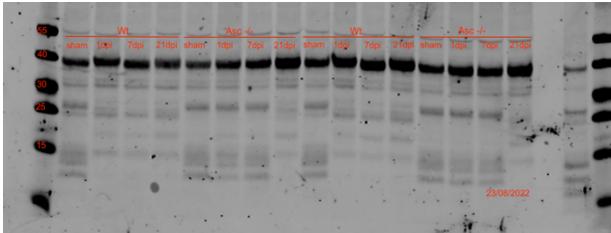
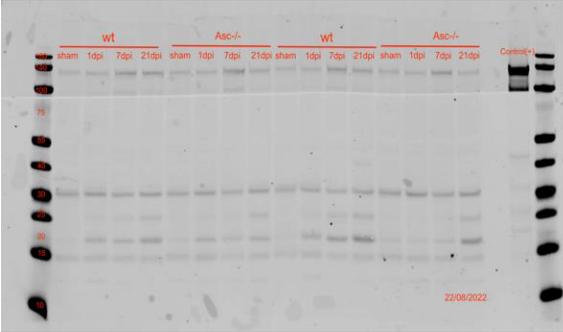


Blot 2

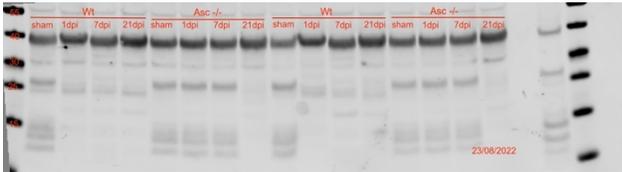
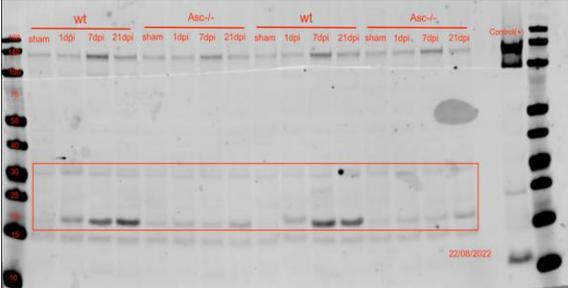


anti-il-1b 1 Kda
Pro il-1b 30
Cle il-1b 20
anti-GAPDH 40

Blot 1

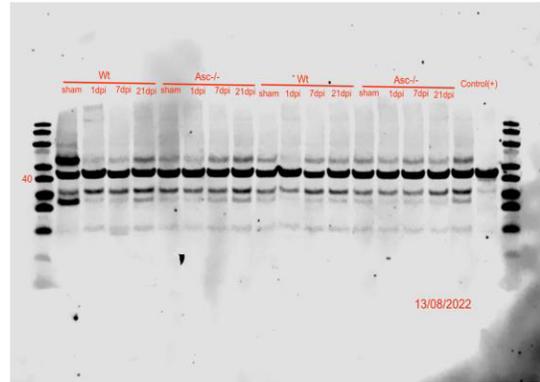
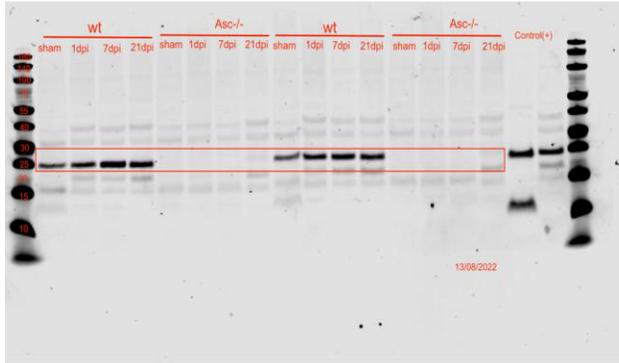


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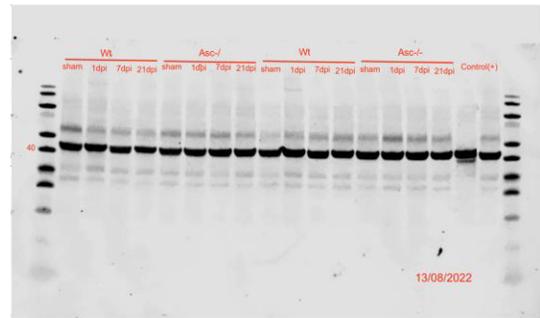
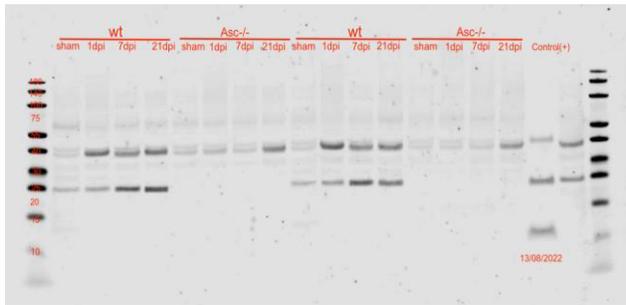


anti ASC Kda
 Asc 25
 anti- 40
 GAPDH

Blot 1



Blot 2



Suppl. Fig. 2C

anti-Caspase

8

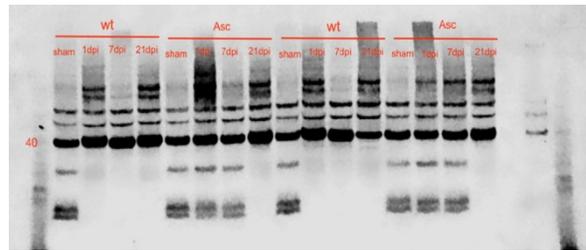
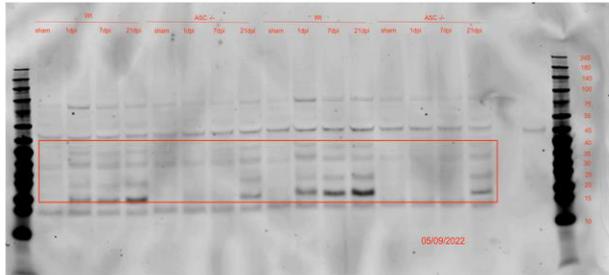
Kda

Caspase 8 43, 19

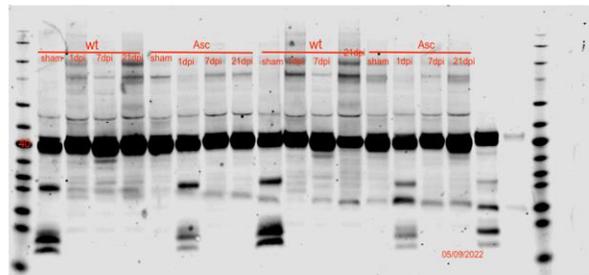
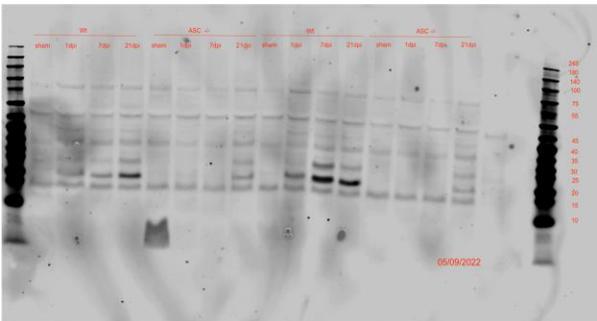
anti-

GAPDH 40

Blot 1

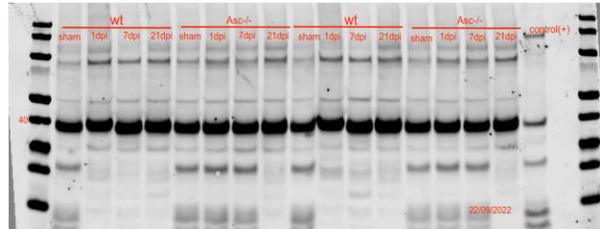
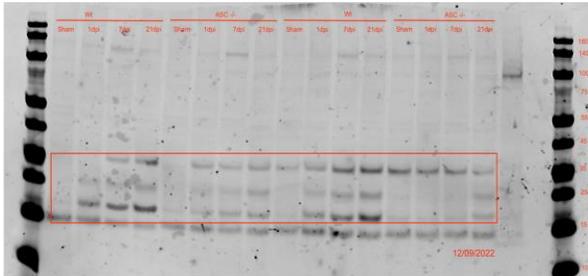


Blot 2

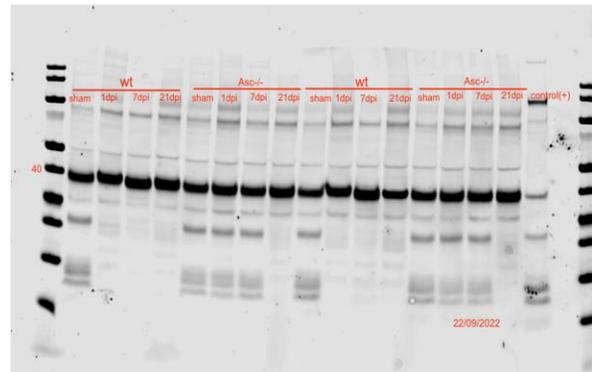
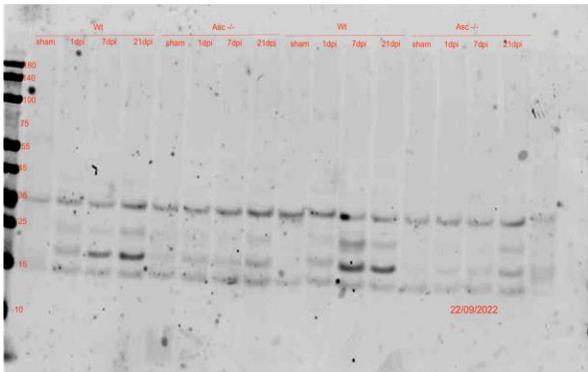


anti-Caspase 3
 Kda
 Caspase 3 30, 19
 anti-GAPDH 40

Blot 1



Blot 2



Suppl. Fig. 5B

anti ASC Kda
 Asc

25

