

7/25/24-

Uncropped Fig1E-HexA

GM3372 WT
GSL051
GSL051 ABERA
GSL051 ABERA
sg RNA1C



20 minutes

Hex A (D-2) (Santa Cruz Biotechnology)- 1:1000 primary antibody in 5% milk overnight at 4C

secondary antibody- 1:2500 anti-mouse in 5% milk for 1 hr at room temperature

30ug protein/each lane

7/26/24-

Uncropped Fig1E-Actin

GM3372 WT
GSL051
GSL051 ABERA
GSL051 ABERA
sg RNA1C

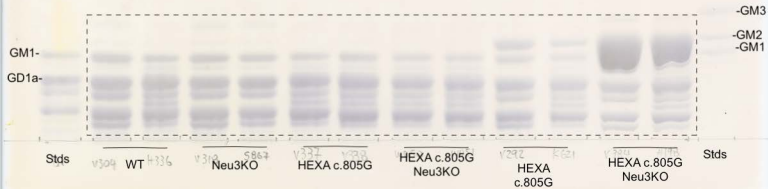


1 second

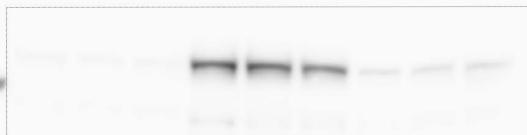
B-actin- 1:20000 primary antibody in 5% milk for 45 minutes at room temperature

30ug protein/each lane

Uncropped Figure 2D



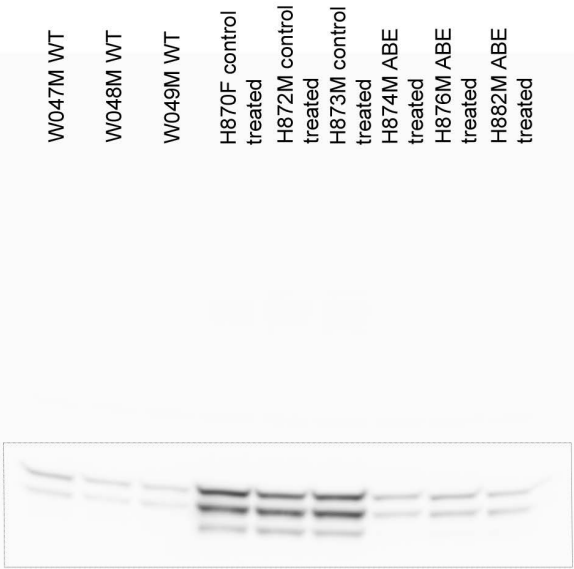
W047M WT
W048M WT
W049M WT
H870F control
treated
H872M control
treated
H873M control
treated
H874M ABE
treated
H876M ABE
treated
H882M ABE
treated



10 minutes

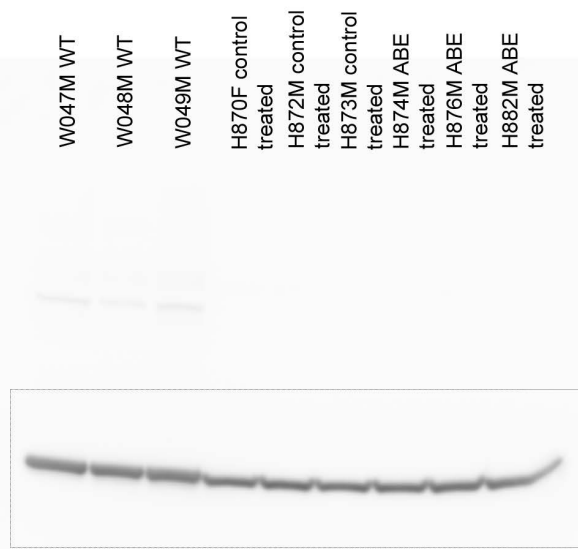
CD68 (Cell Signaling Technology #97778)- 1:1000 primary antibody in
5% BSA (0.1% Tween 20) overnight at 4C
secondary antibody- 1:3000 anti-rabbit in 5% milk (0.1% Tween 20) for 1 hr at
room temperature

30ug protein/each lane



1 second

GFAP (Cell Signaling Technology #3670)- 1:50000 primary antibody in 5% milk (0.1% Tween 20) overnight at 4C
secondary antibody- 1:2500 anti-mouse in 5% milk (0.1% Tween 20) for 1 hr at room temperature
30ug protein/each lane



2 seconds

B-actin (Sigma Aldrich)- 1:20000 primary antibody in 5% milk for 45 minutes at room temperature

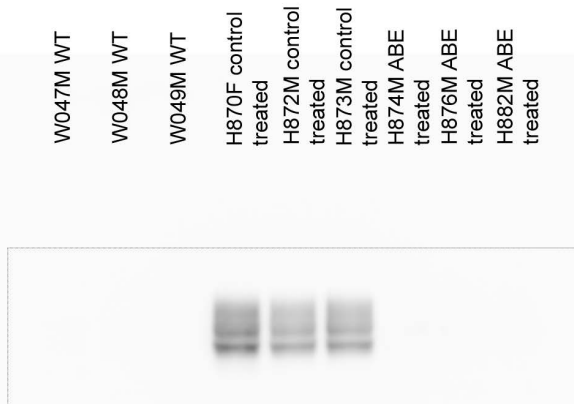
30ug protein/each lane



4 seconds

B-actin (Sigma Aldrich)- 1:20000 primary antibody in 5% milk for 45 minutes at room temperature

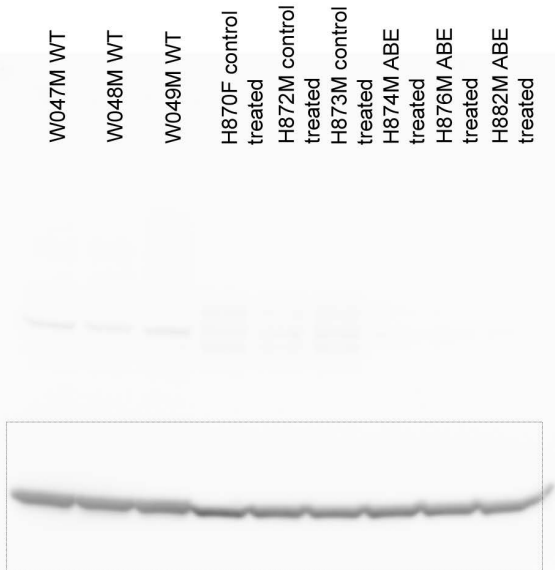
30ug protein/each lane



29 seconds

Gpnmb (Cell Signaling Technology #90205)- 1:1000 primary antibody in 5% BSA (0.1% Tween 20) overnight at 4C
secondary antibody- 1:3000 anti-rabbit in 5% milk (0.1% Tween 20) for 1 hr at room temperature

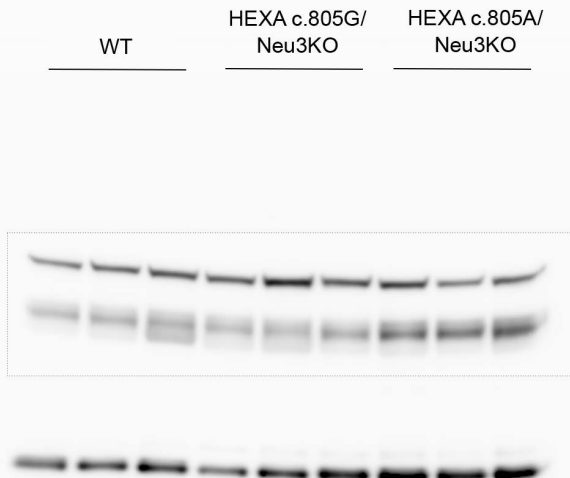
30ug protein/each lane



3 seconds

B-actin (Sigma Aldrich)- 1:20000 primary antibody in 5% milk for 45 minutes at room temperature

30ug protein/each lane

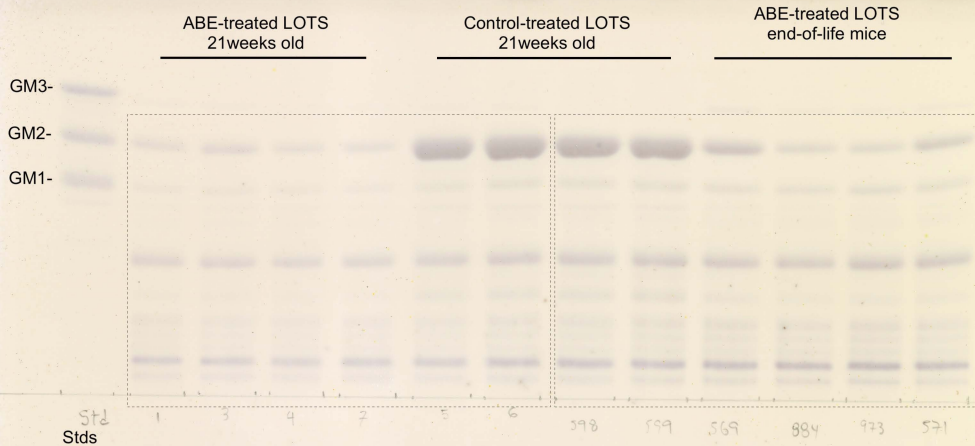


3 minutes

Hex A (D-2) (Santa Cruz Biotechnology)- 1:500 primary antibody in 5% milk overnight at 4C

secondary antibody- 1:2500 anti-mouse in 5% milk for 1 hr at room temperature

40ug protein/each lane



WT

HEXA c.805G/
Neu3KO

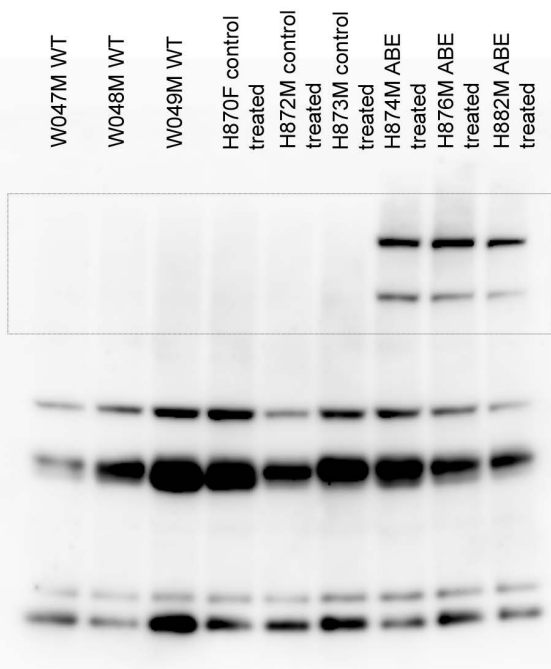
HEXA c.805A/
Neu3KO



15 seconds

B-actin (Cell Signaling Technology)- 1:20000 primary antibody in 5% BSA
(0.1% Tween20) for 45 minutes at room temperature

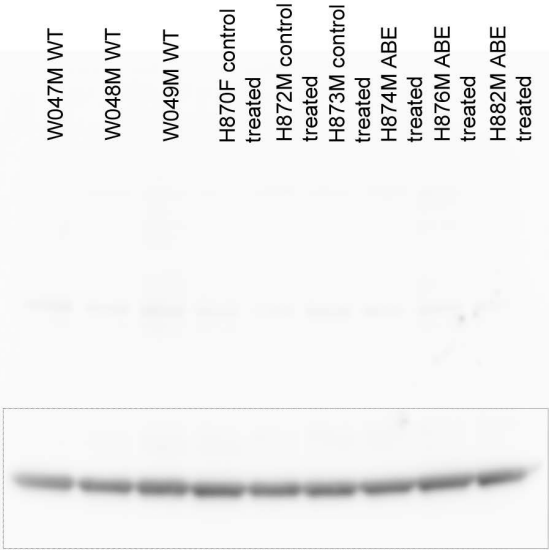
40ug protein/each lane



40 minutes

Cas9 (MilliporeSigma)- 0.5ug/ml primary antibody in 5% milk overnight at 4C
 secondary antibody- 1:2500 anti-mouse in 5% milk for 1 hr at room
 temperature

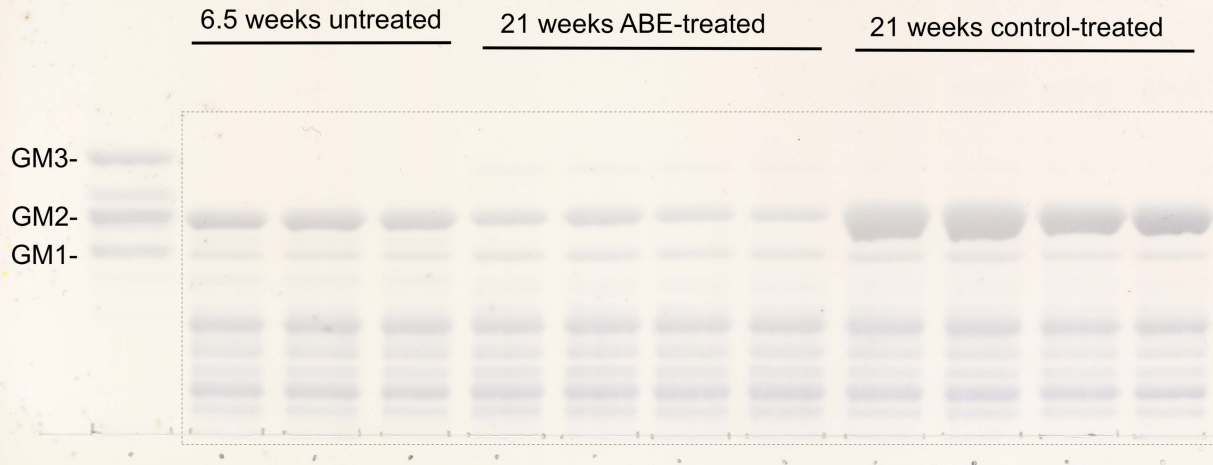
30ug protein/each lane



1 second

B-actin (Sigma Aldrich)- 1:20000 primary antibody in 5% milk for 45 minutes at room temperature

30ug protein/each lane



3/4/24