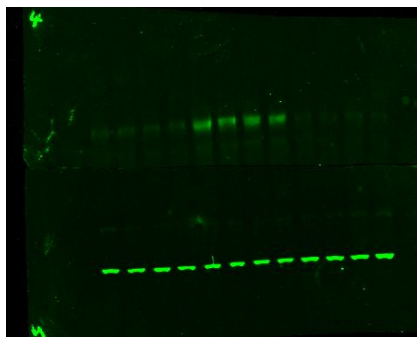


A. HEK293 cells

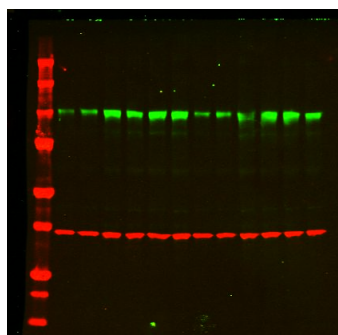


100kDa-
DISC1

37kDa-
GADPH

B. Neural progenitors derived from iPS cells.

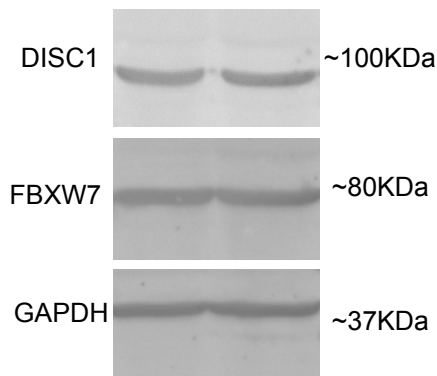
B.



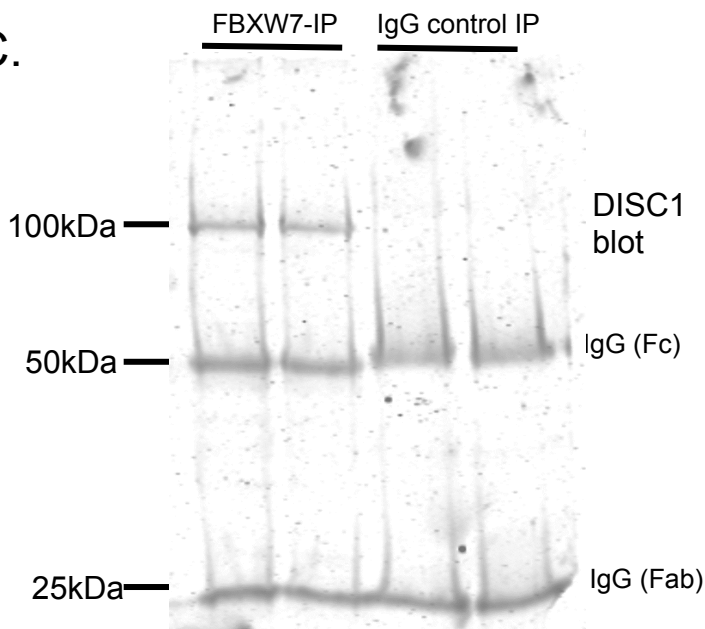
100kDa-
DISC1

37kDa-
GADPH

Input: (1/10th IP)

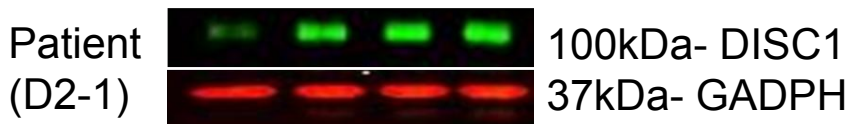


C.



MG132 timecourse

D. 0 0.5 1 2 (Hrs)



E.

No Kinase

GSK3B



171VRAAGSLPSAELSSNSCSPGCGPEV¹⁹⁵

176SLPSAELSSNSCSPGCEVPPT**TPP**²⁰⁰

181ELSSNSCSPGCGPEVPPT**TPPGSHSA**²⁰⁵

186SCSPGCGPEVPPT**TPPGSHSAFTSSSF**²¹⁰

191CGPEVPPT**TPPGSHSAFTSSFSFIRL**²¹⁵

196PPT**TPPGSHSAFTSSFSFIRLSLGSA**²²⁰