

Table EV1

Primary Antibodies

<u>Antigen</u>	<u>Host</u>	<u>Application</u>	<u>Source/Catalog number</u>
Tau (clone Tau-5)	Mouse	IF - WB	L.I. Binder (Northwestern University)
Tau (clone R1)	Rabbit	WB	LI Binder (Northwestern University)
Rictor	Rabbit	IF - WB	Cell Signaling Technologies/2114
Raptor	Rabbit	IF - WB	Cell Signaling Technologies/2280
TSC2	Rabbit	IF - WB	Cell Signaling Technologies/D93F12
S6 Ribosomal Protein(clone 5G10)	Rabbit	WB	Cell Signaling Technologies/2217
Phospho-S6 Ribosomal Protein (S240/244) XP® (clone D68F8)	Rabbit	WB	Cell Signaling Technologies/5364
eIF4E	Rabbit	IF	Cell Signaling Technologies/2067
Bcl XI	Rabbit	WB	Cell Signaling Technologies/2764
Flotillin-2	Mouse	IF	BD Biosciences/610383
NeuN	Mouse	IF	Millipore/MAB377
MAP2	Chicken	IF	Abcam/ab5392
βIII-Tubulin (clone Tuj1)	Mouse	WB	A. Frankfurter (University of Virginia)
Flag	Rabbit	IF	Sigma/F7425

Secondary Antibodies

<u>Product</u>	<u>Application</u>	<u>Source/Catalog number</u>
AlexaFluor 647 Goat Anti-Chicken IgG	IF	Life technologies/A-21449
AlexaFluor 488 Goat Anti-Chicken IgG	IF	Life technologies/A-11039
AlexaFluor 594 Goat Anti-Rabbit IgG	IF	Life technologies/A11012
IRDye 800 Goat Anti-Mouse IgG	WB	LICOR/926-32210
IRDye 680 Goat Anti-Rabbit IgG	WB	LICOR/925-68021
IRDye 800 Goat Anti-Rabbit IgG	WB	LICOR/926-32211