

Table S8: List of primary antibodies

Antibody	Species	Dilution ICC, IB	Supplier	Cat.#
anti-GFP	rabbit	1:1,000, N/A	Thermo Fisher Scientific	G10362
anti-c-myc	mouse	1:200, N/A	Thermo Fisher Scientific	13-2500
anti-CAP1	mouse	1:200, 1:1,000	Abnova	H00010487-M02
anti-Dcx	rabbit	1:500, N/A	Abcam	ab18723
anti-bassoon	rabbit	1:250, N/A	Synaptic systems	141013
anti-shank3	guinea pig	1:250, N/A	Synaptic systems	162 304
anti-GAPDH	mouse	N/A, 1:1,000	R&D System	MAB5718
anti-β-tubulin	mouse	N/A, 1:2,000	Millipore	MAB1637
anti-synaptophys.	rabbit	N/A, 1:2,000	Synaptic Systems	101002
anti-PSD95	mouse	N/A, 1:2,000	Thermo Fischer Scientific	MA1-046
anti-GFP	chicken	N/A, 1:5,000	Abcam	Ab13970