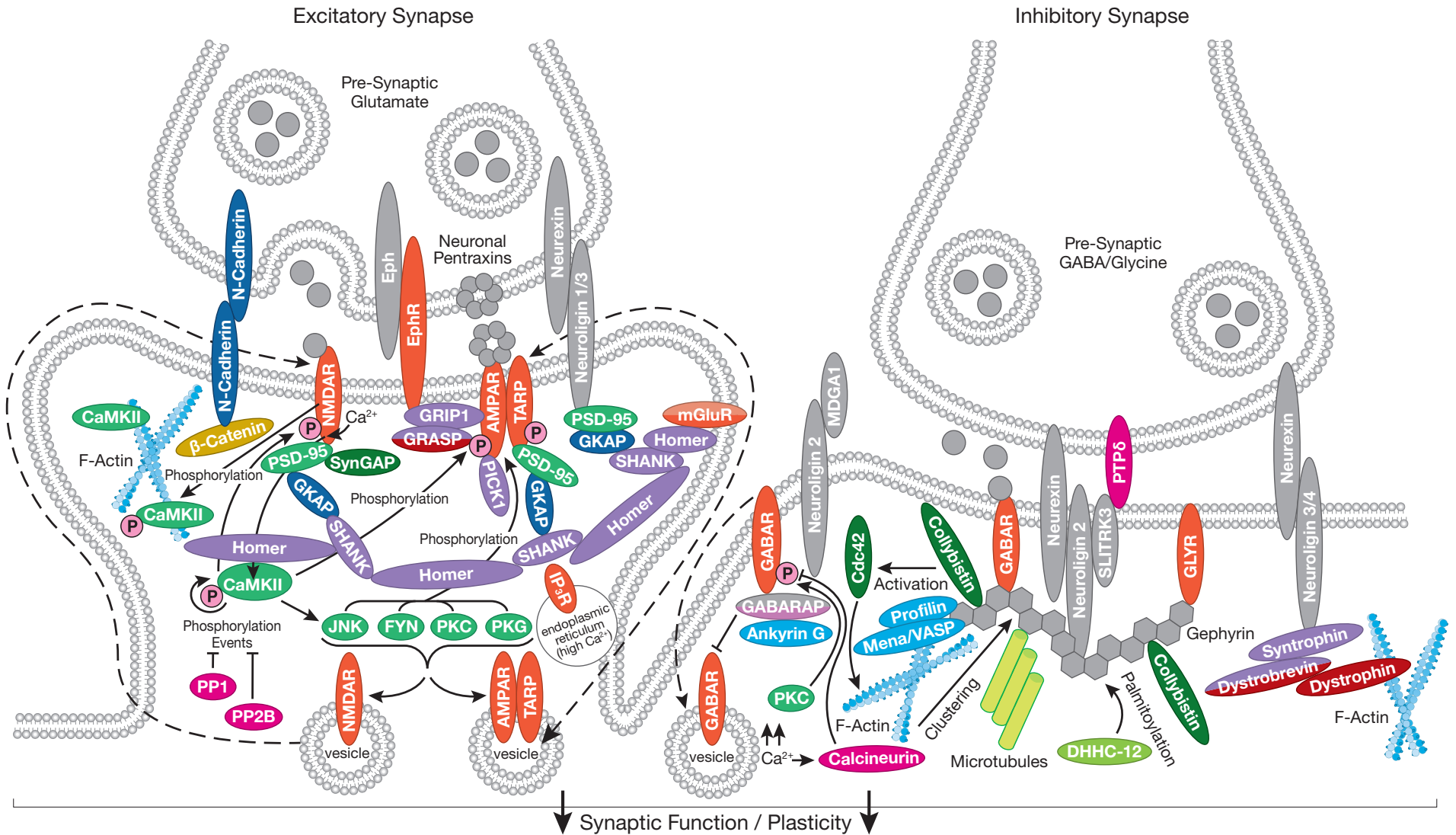


Post-Synaptic Signaling



For pathway key and background, please visit:

www.cst-science.com/post-synaptic

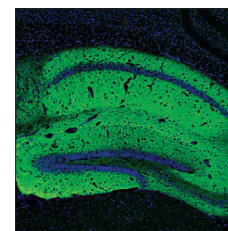
Key Products for Post-Synaptic Signaling

Visit www.cst-sceince.com/post-synaptic-list for a full listing of antibodies, related kits, and reagents.

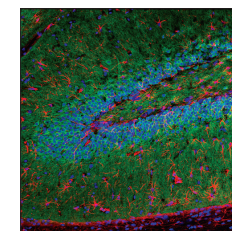
	APPLICATIONS	REACTIVITY
#13185 AMPA Receptor 1 (GluA1) (D4N9V) Rabbit mAb	WB, IP, IF-F	H, M, R, (Mk, B, Dg)
#75574 Phospho-AMPA Receptor 1 (GluA1) (Ser831) (A502P) Rabbit mAb	WB, IP	H, M
#8084 Phospho-AMPA Receptor 1 (GluA1) (Ser845) (D10G5) Rabbit mAb	WB, IP	H, M, R
#13607 AMPA Receptor 2 (GluA2) (E1L8U) Rabbit mAb	WB, IP	H, M, R
#3921 Phospho-AMPA Receptor 2 (GluA2) (Tyr869/Tyr873/Tyr876) Antibody	WB	R, (H, M)
#4027 Phospho-AMPA Receptor 2 (GluA2) (Tyr876) Antibody	WB	R, (H, M)
#4676 AMPA Receptor 3 (GluA 3) (D47E3) Rabbit mAb	WB, IP	H, M, R
#8070 AMPA Receptor 4 (GluA 4) (D41A11) XP® Rabbit mAb	WB, IP, IF-F	H, M, R
#14215 N-Cadherin (13A9) Mouse mAb	WB, IP, IF-IC	H, M, R, Mk
#13116 N-Cadherin (D4R1H) XP® Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M
#2614 Pan-Calcineurin A Antibody	WB, IP, IF-IC, F	H, M, R, Mk, (C, X, B, Pg)
#50049 CaMKII-α (6G9) Mouse mAb	WB, IHC-P, IF-F, IF-IC	H, M, R
#11945 CaMKII-α (D10C11) Rabbit mAb	WB	H, M, R
#12716 Phospho-CaMKII (Thr286) (D21E4) Rabbit mAb	WB	H, M, R
#8480 β-Catenin (D10A8) XP® Rabbit mAb	WB, IP, IHC-P, IHC-F, IF-F, IF-IC, F, ChIP, ChIP-seq	H, M, R, Mk, (Z, B, Pg, GP, Hr)
#2698 β-Catenin (L87A12) Mouse mAb	WB, IP	H, M, R, Mk
#2466 Cdc42 (11A11) Rabbit mAb	WB	H, M, R, B, (X)
#4023 Fyn Antibody	WB	H, M
#3835 GABA(B)R1 Antibody	WB, IP	H, M, R
#4819 GABA(B)R2 (C44A4) Rabbit mAb	WB	H, M, R
#13733 GABARAP (E1J4E) Rabbit mAb	WB, IF-IC	H, M, R
#26632 GABARAPL1 (D5R9Y) XP® Rabbit mAb	WB, IF-IC, F	H, M, R
#43928 Gephyrin(D4J4R) Rabbit mAb	IF	M, R
#13602 GKAP Antibody	WB	M, R, (H)

	APPLICATIONS	REACTIVITY
#13638 Phospho-GKAP (Ser346) Antibody	WB	M, R, (H)
#8231 Homer1 Antibody	WB	H, M, R
#8568 IP3 Receptor 1 (D53A5) Rabbit mAb	WB, IP	H, M, R
#3708 JNK1 (2C6) Mouse mAb	WB	H, M, R, Mk
#9258 JNK2 (56G8) Rabbit mAb	WB	H, M, R, Hm, Mk, Mi
#2305 JNK3 (55A8) Rabbit mAb	WB	H, M, R
#12551 mGluR1 (D5H10) Rabbit mAb	WB, IP, IHC-P, IF-F	H, M, R
#76012 mGluR2 (D7D8M) Rabbit mAb	WB, IP, IF-F	H, M, R
#55920 mGluR5 (D6E7B) Rabbit mAb	WB, IP, IF-F	H, M, R
#5704 NMDA Receptor 1 (GluN1) (D65B7) Rabbit mAb	WB, IP	H, M, R
#3381 Phospho-NMDA Receptor 1 (GluN1) (Ser890) Antibody	WB, IF-F	H, M, R
#4212 NMDA Receptor 2B (GluN2B) (D15B3) Rabbit mAb	WB	H, M, R
#14544 NMDA Receptor 2B (GluN2B) (D8E10) Rabbit mAb	WB, IP, IF-F	M, R, (H)
#5355 Phospho-NMDA Receptor 2B (GluN2B) (Ser1284) Antibody	WB, IP	M, R, (H)
#9371 Phospho-PKC (pan) (βII Ser660) Antibody	WB	H, M, R, Mk
#38938 Phospho-PKC (pan) (γThr514) (D6Y3D) Rabbit mAb	WB, IP	H, M, R
#2060 Phospho-PKC (pan) (ζThr410) (190D10) Rabbit mAb	WB	H, M, R, Mk
#85325 PICK1 (D6W7M) Rabbit mAb	WB, IP	H, M, R
#3248 PKG-1 (C8A4) Rabbit mAb	WB	H, M, R, Mk
#19046 PSD93 (D4Z4D) Rabbit mAb	WB, IP	H, M, R
#2930 Phospho-PSD93 (Tyr340) Antibody	WB, IP	R
#3246 Profilin-1 (C56B8) Rabbit mAb	WB	H, M, R, Hm, Mk, Dg
#36233 PSD95 (7E3) Mouse mAb	WB, IF-F, IF-IC	H, M, R
#3450 PSD95 (D27E11) XP® Rabbit mAb	WB, IF-F	H, M, R
#3409 PSD95 (D74D3) XP® Rabbit mAb	WB, IHC-P	H, M, R
#45737 Phospho-PSD95 (Ser295) (A8F8Z) Rabbit mAb	WB	H, M, R
#47421 SAP102 (A7R8L) Rabbit mAb	WB, IP	H, M, R
#4668 Phospho-SAPK/JNK (Thr183/ Tyr185) (81E11) Rabbit mAb	WB, IP, IHC-P	H, M, R, Dm, Sc

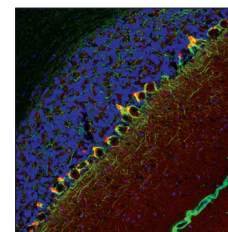
	APPLICATIONS	REACTIVITY
#9255 Phospho-SAPK/JNK (Thr183/ Tyr185) (G9) Mouse mAb	WB, IP, IF-IC, F	H, M, R, Hm, Sc
#12218 SHANK2 Antibody	WB, IP	M, R, (H, Mk, B)
#64555 SHANK3 (D5K6R) Rabbit mAb	WB, IP, IF-F	H, M, R
#14136 Spinophilin (E1E7R) Rabbit mAb	WB, IP, IHC-P, IF-IC	H, M, R
#8511 Stargazin (D33G3) Rabbit mAb	WB, IP	M, R
#5539 SynGAP (D20C7) Rabbit mAb	WB, IP	M, R, (H)
#3132 VASP (9A2) Rabbit mAb	WB, IP, IF-IC	H, M, R, Hm, Mk, B



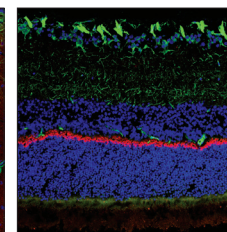
AMPA Receptor 1 (GluA1) (D4N9V) Rabbit mAb #13185: Confocal IF analysis of mouse hippocampus using #13185 (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



CaMKII-α (6G9) Mouse mAb #50049: Confocal IF analysis of rat brain using #50049 (green). Glial cells were labeled with GFAP (D1F4Q) XP® Rabbit mAb #12389 (red). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



PSD95 (D27E11) XP® Rabbit mAb #3450: Confocal IF analysis of rat cerebellum and retina using #3450 (red) and Neurofilament-L (DA2) Mouse mAb #2835 (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).



APPLICATIONS & REACTIVITY KEY: WB Western Blotting / IP Immunoprecipitation / IHC Immunohistochemistry / IF Immunofluorescence / F Flow Cytometry / ChIP Chromatin Immunoprecipitation / -IC Immunocytochemistry / -P Paraffin / -F Frozen / E-P Peptide ELISA / H human / M mouse / R rat / Hm hamster / Mk monkey / C chicken / Mi mink / Dm D. melanogaster / X Xenopus / Z zebrafish / B bovine / Dg dog / Pg pig / Sc S. cerevisiae / All all species expected / () 100% sequence homology

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