



Figure 2-2. Photoincorporation of [³H]ethidium diazide into integral and peripheral membrane proteins of nAChR-rich membranes in the presence or absence of carbamylcholine or PCP.

nAChR-rich membranes (100 μg) were equilibrated with [³H]ethidium diazide in TPS (2 mg/ml) in the presence of 10 mM oxidized glutathione in the presence (lanes 1 & 2) or absence (lane 3) of 2 mM carbamylcholine and the absence (lanes 1 & 3) or presence (lane 2) of 100 μM PCP. After photolysis at 265 nm for 30 seconds, the samples were subjected to SDS-PAGE, visualized by Coomassie Blue (Panel A), processed for fluorography, and exposed to film for 6 weeks (Panel B). Indicated on the left are the mobilities of the nAChR subunits, rapsyn (43K), and the α-subunit of the Na⁺/K⁺ ATPase (αNK).