**Supplementary Figure S4.** AGB signals activated by 2 μM AMPA and immunoreactivity of ChAT in the adult rabbit retina (P25) and retinas from various postnatal stages (P0-P10). All retinas were incubated with 25 mM AGB in the presence of 2 μM AMPA. After incubation, the retinal slices were immunolabeled to reveal AGB and ChAT signals. Confocal images show double-labeling of the AGB (red) and ChAT (green) in the inner retina. The merge images are shown in the right column to illustrate the co-localization of cholinergic amacrine cells and AMPA activated cells at different developmental stages (labeled at each panel in the left column). Scale bar, 20 μm. See legend in Supplementary Figure S2 for abbreviations.