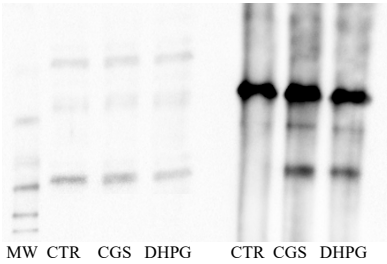
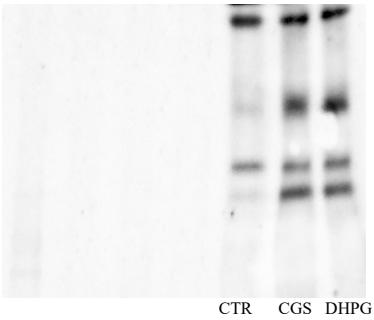


Figure S3

A



B



C

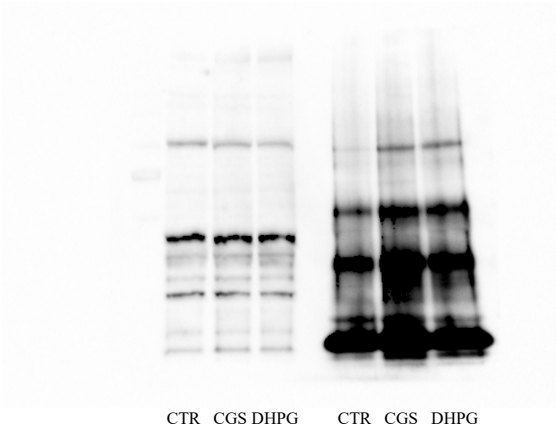
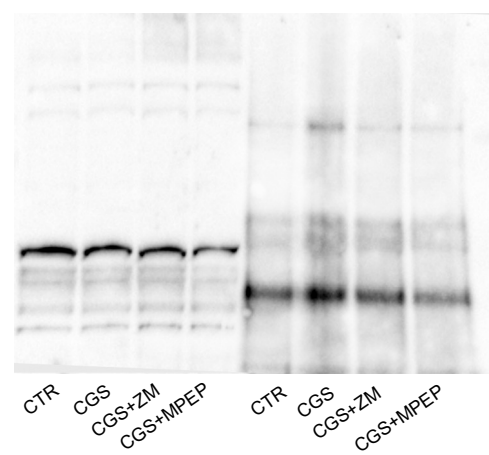
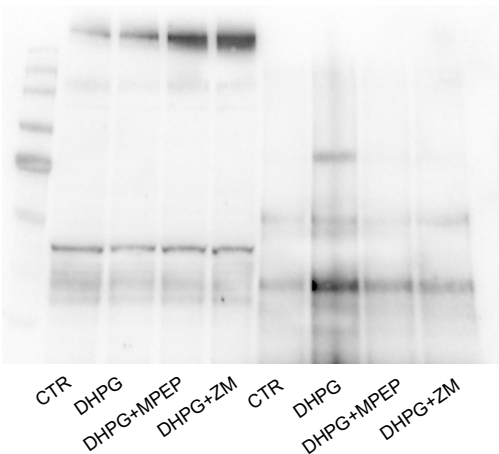


Figure S4

A



B



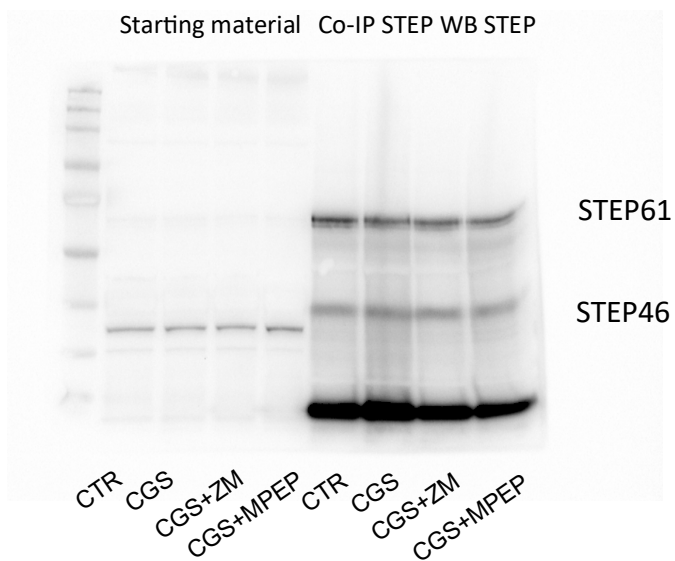


Figure S5

STEP protein level in the immunocomplex after Co-IP with anti-STEP antibody.

Hippocampal slices (each sample was obtained by pulling eight slices) were treated with CGS 21680 (CGS, 300 nM) in the presence of the A₂AR antagonist ZM 241385 (ZM, 500 nM) or mGlu₅R antagonist (MPEP, 10 µM) applied 15 min before and along the application of CGS. The slices were lysed in RIPA buffer and the lysates were used for the Co-IP experiments using a monoclonal anti-STEP antibody. The level of STEP61 and STEP46 in the immunocomplex was verified by WB with a polyclonal anti-STEP antibody. The immunoreactive bands were detected by chemiluminescence coupled to peroxidase activity (ECL). The starting materials demonstrate that equal amounts of proteins were used. The blots displayed are representative of similar blots carried out in different preparations (n = 3).