



Recording of membrane potential is shown below, along with conductances which cause changes

This example cell is depolarized to a level above the Cl<sup>-</sup> Nernst potential -55

CONDUCTANCES

AMPA (Na<sup>+</sup>, K<sup>+</sup>)  
NMDA (Na<sup>+</sup>, K<sup>+</sup>, Ca<sup>2+</sup>)

GABA<sub>A</sub> (Cl<sup>-</sup>)

GABA<sub>B</sub> (K<sup>+</sup>)

MEMBRANE POTENTIAL

CONDUCTANCES

Note: GABA conductances start late because stimulation must first activate interneurons

