Claims

1. A polyclonal antibody prepared using a virus like particle (VLP) produced in a plant by the following methods,

a) introducing a first nucleic acid comprising a first regulatory region active in the plant and operatively linked to a nucleotide sequence encoding an influenza hemagglutinin (HA) protein selected from the group consisting of B and H3 into the plant, or portion of the plant,

b) introducing a second nucleic acid comprising a second regulatory region active in the plant and operatively linked to a nucleotide sequence encoding a proton channel protein

c) incubating the plant or portion of the plant under conditions that permit the expression of the nucleic acids, thereby producing the VLP.