The method for preparing antirabic vaccine comprises the preparation of the inoculation virus-containing material, the infection of the transplantable cell line BHK-21, the propagation of the virus, the harvesting of the virus-containing fluid, the inactivation of the virus, and the preparation of the final product, liquid or freeze-dried. Schelkovo-51C strain of virus is used. BHK-21/13 or HC (saiga kidneys) cells are used for inoculation. The virus-containing fluid is inactivated by phenol. The protective medium contains sucrose 10 %, peptone 10 %, gelatin 4 %, dibasic sodium phosphate 0.44 %, and monobasic potassium phosphate 0.99%.