



Fig 2. Neuropathology of SMS-AstV associated encephalitis in the cerebrum and ependymal region of a mink kit (one-month-old; Strain SMS-AstV-H1). (A) Gross observation of the whole brain exhibited mild congestion and hydrocephalus. (B) Histopathological lesion of the cerebrum (H&E), showing neuronal necrosis, gliosis, and mononuclear perivascular cuffing. (C) High magnification of the marked area in panel B. (D) Histopathological lesion of the ependymal region (H&E) showing gliosis, Purkinje cell necrosis, and histiocytosis. (E) High magnification of the marked area in panel D. The arrows point to the major pathological lesions such as perivascular cuffs, gliosis, and neuronal necrosis. The scale bars are shown at the bottom right of panel B to panel E.