Following STZ-induced diabetes an enhanced expression of S-100β immunolabelled cells having stellate morphology was observed in all the hippocampal fields (b-g. i-iv). While in controls the expression was minimal (a.i-iv). The S-100β+ cells presenting the morphology of activated astrocytes were consistent throughout the period of study indicating astrocytosis in long term diabetic condition. Insets are showing the magnified image of S-100β labelled cells. Scale bar=50µm