TABLE 1- Primary Antibodies used in this study

|  |  |  |  |
| --- | --- | --- | --- |
| **Antibody** | **Immunogen** | **Manufacturer, catalog**  **number, species, type** | **Dilution** |
| anti-HuC | Protein synthesized early during neuronal differentiation. | Abcam, ab78467, Rabbit polyclonal | 1:100 |
| Anti- beta III tubulin | Three different synthetic pepti des conjugated to KLH. corresponded to different regions of the beta III Tubulin gene products (axonal gowth) | Abcam (ab41489) Chicken  Polyclonal | 1:1000 |
| anti-BrdU | 5-Bromo-2´-deoxyuridine (BrdU) analog nitrogenous base thymidine of DNA | Hybridoma Bank, G3G4 , Iowa, USA, Mouse Monoclonal | 1:80 |
| anti-CldU (BrdU Clone BU1/75 (ICR1) | 5-Chloro-2´-deoxyuridine (CldU) analog nitrogenous base thymidine of DNA | Accurate, J0066, Rat Monoclonal | 1:500 |
| anti-IdU (BrdU Clone B44) | 5-Iodo-2´-deoxyuridine (IdU) analog nitrogenous base thymidine of DNA | Becton Dickenson, 6-17-08, Mouse monoclonal | 1:500 |
| anti-BLBP | Synthetic peptide corresponding to Human BLBP (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). | Abcam, ab110099, Goat polyclonal | 1:500 |
| anti-Pax6 | Synthetic peptide corresponding to Human Pax6 (internal sequence). | Abcam, ab135147, Rabbit | 1:250 |
| anti-Sox2 | Synthetic peptide conjugated to KLH derived from within residues 300 to the C-terminus of Human SOX2. | Abcam, ab97959, Rabbit | 1:500 |
| Anti-rod XAP-2 (Clon 5B9) | XAP-2 (Clone 5B9) was deposited to the DSHB by Sakaguchi, D.S. / Harris, W.A. (DSHB Hybridoma Product XAP-2 (Clone 5B9)) | Hybridoma Bank, G3G4 , Iowa, USA, Mouse Monoclonal | 1:20 |