Antigen Retrieval of Rat Brain Sections

1) Wash sections four times with ice-cold 100 mM PB (100 mM Na Phosphate pH 7.4) with gentle rocking/agitation at 4°C for 5 min each wash.

2) Antigen retrieval

   Option 1: Citrate method:
   a) Wash sections with 10 mM Sodium citrate pH 8.5 with gentle rocking/agitation at room temperature (RT) for 5 min.
   b) Incubate sections in 10 mM Sodium citrate pH 8.5 with gentle rocking/agitation at 80°C for 30 min.

   Option 2: Pepsin method:
   a) Wash sections in purified H₂O with gentle rocking/agitation at 37°C for 5 min.
   b) Incubate sections in 0.15 mg/mL Pepsin dissolved in 0.2N HCl with gentle rocking/agitation at 37°C for 10 min.

3) Cool sections to RT.

4) Wash sections two times with ice-cold 100 mM PB.

5) Proceed to the blocking step of the antibody labeling protocol.

References:

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