**DAPI Staining Protocol**

Prepare the following solutions:

(To determine the amount needed for your experiment, please note that one tube of **Solution 1** will yield a total of 100mL of working solution, at a final concentration of 0.5ug/mL.)

**Solution 1***:

- 5 μL DAPI (10 mg/ml solution)
- 995 μL PBS

* Solution is viable for one month if stored at 4° in the dark

**Solution 2 (working solution)**:

- 10 μL of Solution 1
- 990 μL PBS

**Treatment**:  

→Add **Solution 2** (working solution) to your tissue/cells and incubate at room temperature for 1-5 minutes.  
→Rinse 2X with PBS.  
→Mount coverslip with Shur/Mount, Prolong or comparable antifade medium.  
→Seal coverslips (if necessary) with Valap or nail polish.**

**Try to avoid nail polish if are visualizing GFP, as the additives in nail polish tend to quench the signal.**