**Panel A**

Graph showing PK2 mRNA (dpm/mg) levels over time (ZT) for WT and Opn4-/- mice. The y-axis represents PK2 mRNA levels, and the x-axis represents ZT times (1-22).

**Panel B**

Bar graph showing PK2 mRNA (dpm/mg) levels at 1 hr and 2 hr post-light pulse for WT and Opn4-/- mice. Stars denote significant differences.

**Panel C**

Graph showing PK2 mRNA (dpm/mg) levels at 1 hr for light pulse and dark controls.

**Panel D**

Graph showing PK2 mRNA (dpm/mg) levels at CT3 and CT15.