

Guide Questions for Topic: Introduction to Protein Sorting in Cell

1. How does mRNA localization affect translation of proteins?
2. Within neurons, mRNA encoding the protein GluR2 is localized to synapses. Based on this information, which of the following mutations would you predict to most likely interfere with synaptic localization of GluR2 mRNA?
3. What role mRNA localization proteins play within cells?