

Chapter 10E: Lipids and Membranes

Objectives

- To probe for the presence of a glucose transporter 1 (GLUT1) in prepared fractions using a GLUT1 specific antibody (Ab)
- · Assess if GLUT1 is an integral or peripheral membrane protein
- To probe for the presence of different concentrations of His-tagged KHK using a His-tag antibody

Procedures

- To complete two **immunoblot assay** using either a glucose transporter 1 (GLUT1) specific or His-tag **primary antibody**
- Visualize location of GLUT1 and his-tagged KHK with a horseradish peroxidase conjugated secondary antibody and luminol with enhancers (ECL substrate)

Concepts Procedure Hazards Tips Clarification



































