Review Article: IMPROVING THE QUALITY OF WESTERN BLOT RESULT

Abstrak:

The western blot is one of useful techniques in detecting specific protein in the given sample, other than the immunohistochemistry and ELISA (enzyme-linked immunosorbent assay). When probed against the recombinant target protein as the standard sample, it can be used to analyze the exact densitometry value of target protein in the sample, whilst probing against the protein-pool sample or house-keeping protein samples are relatively quantified the densitometry value of the target protein (Buckley et al. 2006). Many factors may affect the western blot results, and here we will discuss about how to trouble-shoot some of these difficulties to increase the quality the results.

Keyword:

immunoblotting, trouble-shooting

Daftar Pustaka:

Buckley ST, Foley PF, Innes DJ, et al. GABAA receptor b isoform protein expression in human alcoholic brain: Interaction with genotype Neurochem International 2006 -

Harlow E, Lane D Immunoblotting--Immunohistochemistry Cold Spring Harbour Laboratory 1988 -