**Technical Support Questionnaire – Western Blot**

**Name:** Click here to enter text.

**Institution:** Click here to enter text.

**PO/Order Number:** Click here to enter text..

**Catalog #:** Click here to enter text. **Lot Number:** Click here to enter text.

**Antibody Storage Conditions (after product was received):** Click here to enter text.

**Image upload Instructions**

1) Upload an image of your western blot by clicking on the center of the box.

2) Provide a ladder on your blot that is clearly labeled with the sizes of the molecular weight marker.

3) Please label all lanes with sample information.

\*NOTE: Feel free to attach a PDF or PowerPoint file of the blot if that is easier and provides more clarity



**WB Image Description (please provide label all lanes)**

Click here to enter text.

**Replicates**

Number of times experiment was performed: Click here to enter text.

Were the results the same each time: Click here to enter text.

**Sample Information:**

Cell Line or Tissue: Click here to enter text. Species: Click here to enter text.

Type of Sample: Click here to enter text. (Whole cell lysate, Nuclear Extract, Cytosolic prep, Chromatin extract, Membrane prep, other)

Treatment (If applicable please explain expected outcome): Click here to enter text.

**Controls:**

Positive Control: Click here to enter text.

Negative Control: Click here to enter text.

Loading Control (please attach additional images if applicable): Click here to enter text.

**Lysate/Sample Preparation:**

Date of lysate preparation: Click here to enter text.

Storage Conditions: Click here to enter text.

Type of Lysis buffer used: Click here to enter text.

Protease Inhibitors Included (if applicable): Click here to enter text.

 Reducing or Non-reducing Conditions: Click here to enter text.

Date Prepared: Click here to enter text.

Sample Buffer used: Click here to enter text.

Reducing agent used (DTT or 2-Mercaptoethanol): Click here to enter text.

*If boiled* - Temperature (°C): Click here to enter text. Time (min): Click here to enter text.

**Electrophoresis:**

Date gel was run: Click here to enter text.

Protein Amount Loaded per lane:Click here to enter text.

Brand of Gel (if pre-case):Click here to enter text.

Gel Percentage:Click here to enter text.

Buffer System: Click here to enter text.

**Membrane Transfer:**

Method (Submersion/Semi-dry): Click here to enter text.

Membrane Type (PVDF/Nitrocellulose): Click here to enter text.

Time: Click here to enter text.

Voltage: Click here to enter text.

**Blocking:**

Blocking Solution: Click here to enter text.

Time: Click here to enter text. Temperature: Click here to enter text.

**Primary Antibody:**

Dilution: Click here to enter text. Diluent Buffer: Click here to enter text.

Incubation Time: Click here to enter text. Incubation Temperature: Click here to enter text.

**Washing Conditions:**

Wash Solution: Click here to enter text.

Time and Repetitions: Click here to enter text.

**Secondary Antibody**

Manufacturer and Catalog #:Click here to enter text.

Secondary description:Click here to enter text.

Dilution: Click here to enter text. Diluent Buffer: Click here to enter text.

Incubation Time: Click here to enter text. Incubation Temperature: Click here to enter text.

**Detection Method:**

Detection:Click here to enter text. (Chemiluminescence, Fluorescence, Colorimetric)

Procedure: Click here to enter text.

Development Time**:** Click here to enter text.

**Molecular weight of band(s):** Click here to enter text.

**Experimental Concerns and Observations:** Click here to enter text.