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Aviva Systems Biology

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**Western Blot Troubleshooting Form**

**Customer Information:**

Name:

Institution:

Email address:

Phone number:

**Product Information:**

Product name:  
Catalog #:

Product lot # (ex., QC12345-67890):

Date received:  
Date first used:  
Reconstitution and storage conditions:  
PO#/Invoice #:

**Describe the problem here:**

How many times have you repeated the experiment?

Has the product been used successfully before? If yes, please provide the Lot #.

Expected molecular weight of antigen:

Please describe how this antibody was diluted and stored:

Species of sample tested:  
Cell line name/primary culture tissue type:  
Amount of protein loaded:

Have the samples been treated/unstimulated? If yes, please provide details.

**Protocol Details**

Recipe of blocking buffer used (if a detergent was used, please give concentration):

Recipe of wash buffer used (if a detergent was used, please give concentration):

How were the samples prepared?

What is the age of the lysates?  
  
Did you run a native or denaturing gel?

Was a reducing agent added to your samples?

**Controls**

Did your experiment incorporate a positive control? If yes, please provide details.

If no, are your samples known to express the target protein? Please provide details.

Has effective protein transfer from the gel been confirmed? If yes, please provide details.

**Primary Antibody Details**

Measured antibody concentration, post-reconstitution:

Dilution/Concentration:  
  
Recipe of dilution buffer used:

Incubation time and temperature:

**Secondary Antibody Details**  
Description (Host species, target species, conjugate type):  
  
Dilution/Concentration:  
  
Recipe of dilution buffer used:

Incubation time/temperature:

Has this antibody been used successfully with other rabbit primary antibodies?

Did you stain with this antibody in absence of the primary? If yes, please provide image.

**Visualization System**

Description:

Other comments:  
  
  
\*\*Please attach relevant WB images to this document or the email message of samples tested (include labeled lanes and molecular weight markers):

*Thank you for taking the time to complete this form. We will review your feedback and will be in touch with you shortly.*