

# ENCODE DCC Antibody Validation Document

Date of Submission

Name:

Email:

Lab

Antibody Name:

Target:

Company/  
Source:

Catalog Number, database ID, laboratory

Lot Number

Antibody Description:

Target Description:

Species Target

Species Host

Validation Method #1

Validation Method #2

Purification Method

Polyclonal/  
Monoclonal

Vendor URL:

Reference (PI/  
Publication  
Information)

Please complete the following for antibodies to histone modifications:  
*if your specifications are not listed in the drop-down box,  
please write-in the appropriate information*

Histone Name

AA modified

AA Position

Modification

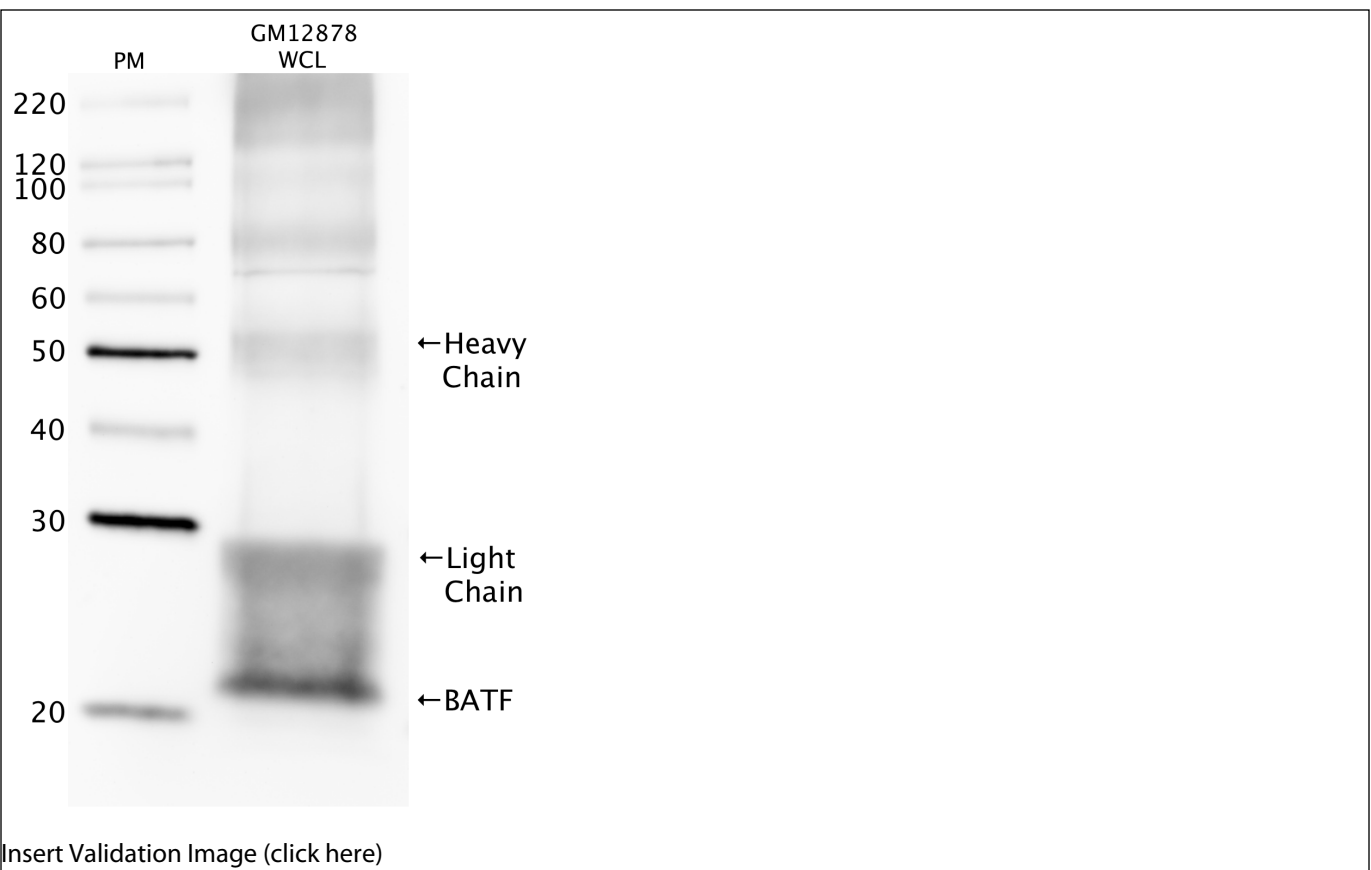
Validation #1  
Analysis

Western blot protocol:

Whole cell lysates were immunoprecipitated using primary antibody (sc-100974), and the IP fraction was loaded on a 12% acrylamide gel and separated with a Bio-Rad PROTEAN II xi system. After separation, the samples were transferred to a nitrocellulose membrane with an Invitrogen iBlot system. Blotting with primary (same as that used for IP) and secondary HRP-conjugated antibodies was performed on an Invitrogen BenchPro 4100 system. Visualization was achieved using SuperSignal West Femto solution (Thermo Scientific).

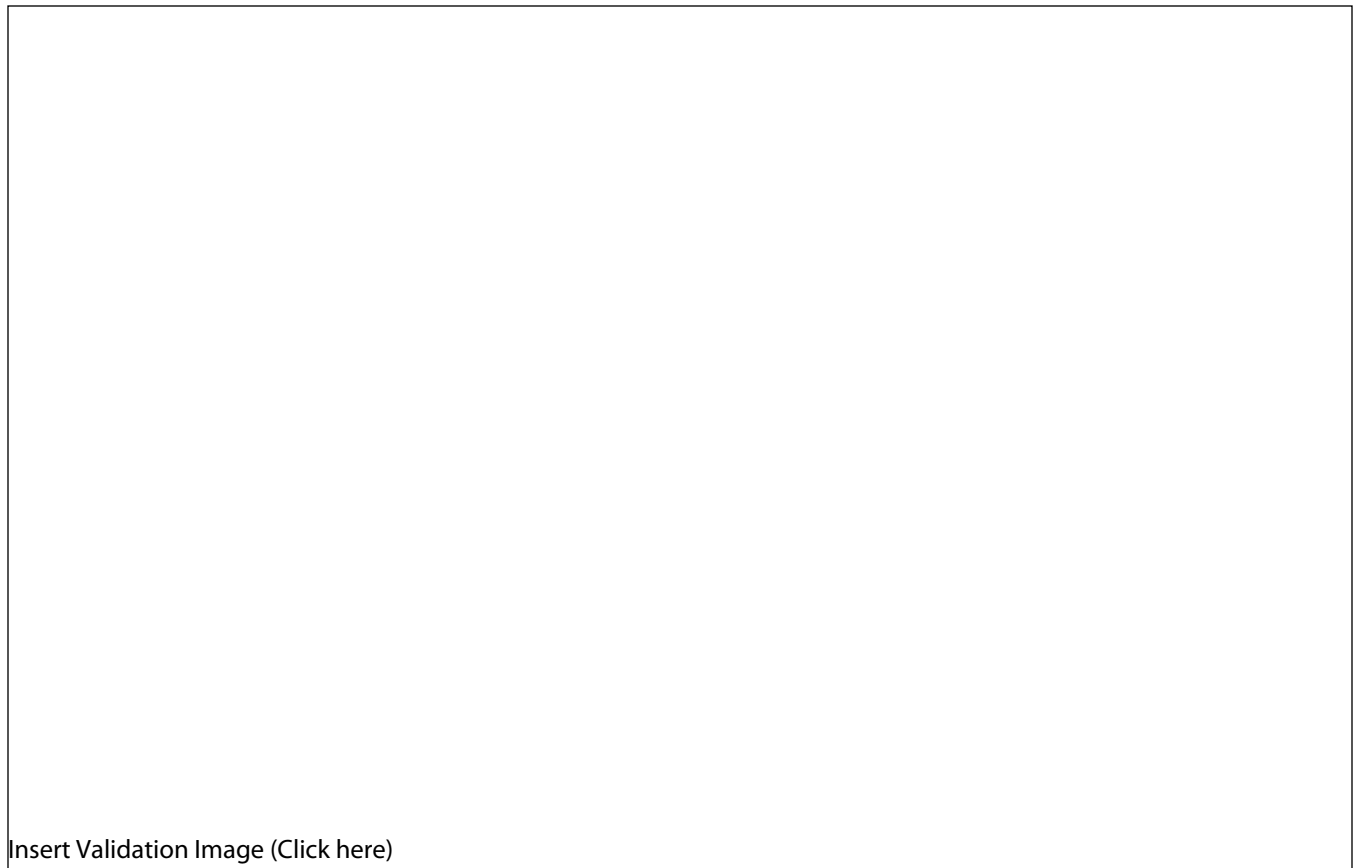
Results: Band of expected size visualized, representing strongest signal in the lane.

Figure legend: IP-western with sc-100974 in WCL (whole cell lysate) of GM12878; PM=protein marker. BATF band is indicated, as are heavy and light chain of IgG.



Insert Validation Image (click here)

Validation #2  
Analysis



Insert Validation Image (Click here)

