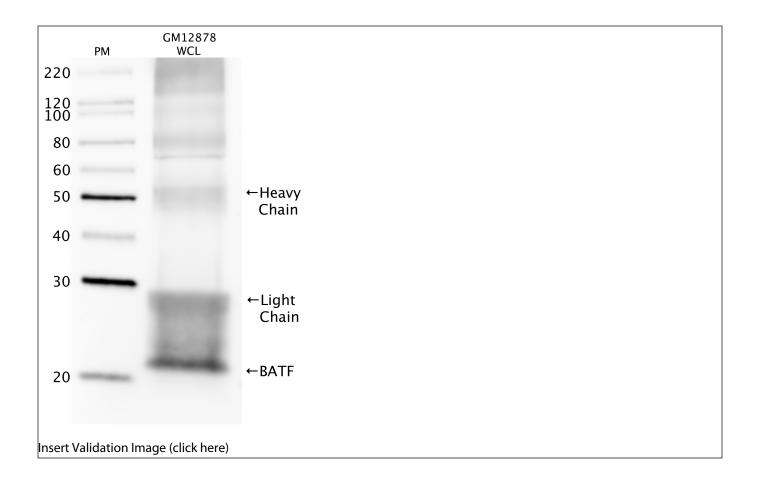
ENCODE DCC Antibody Validation Document

Date of Submission 09/12/2012	
Name: Dr. Flo Pauli	Email: fpauli@hudsonalpha.org
Lab Myers	
Antibody Name: BATF	Target: recombinant B-ATF of human origin
Company/ Source:	uz Biotechnology
Catalog Number, database ID, laboratory sc-100974	Lot Number D0808
Antibody Description: Mouse monoclonal IgG, raised against recor	mbinant B-ATF of human origin
TargetFunctions as a negative regulator of AP-1 mDescription:preferential binding to specific DNA sequenGeneID:10538.14 kDa.	nediated transcription by binding to Jun proteins, causing Inces (RefSeq).
Species Target Human	Species Host Mouse
Validation Method #1 Western Blot	Validation Method #2
Purification Method	Polyclonal/ Monoclonal
Vendor URL: http://da	atasheets.scbt.com/sc-100974.pdf
Reference (PI/ Publication Information)	
Please complete the following for antibodies to histone mo if your specifications are not listed in the drop-down box, please write-in the appropriate information	difications:
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)

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