

# 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*

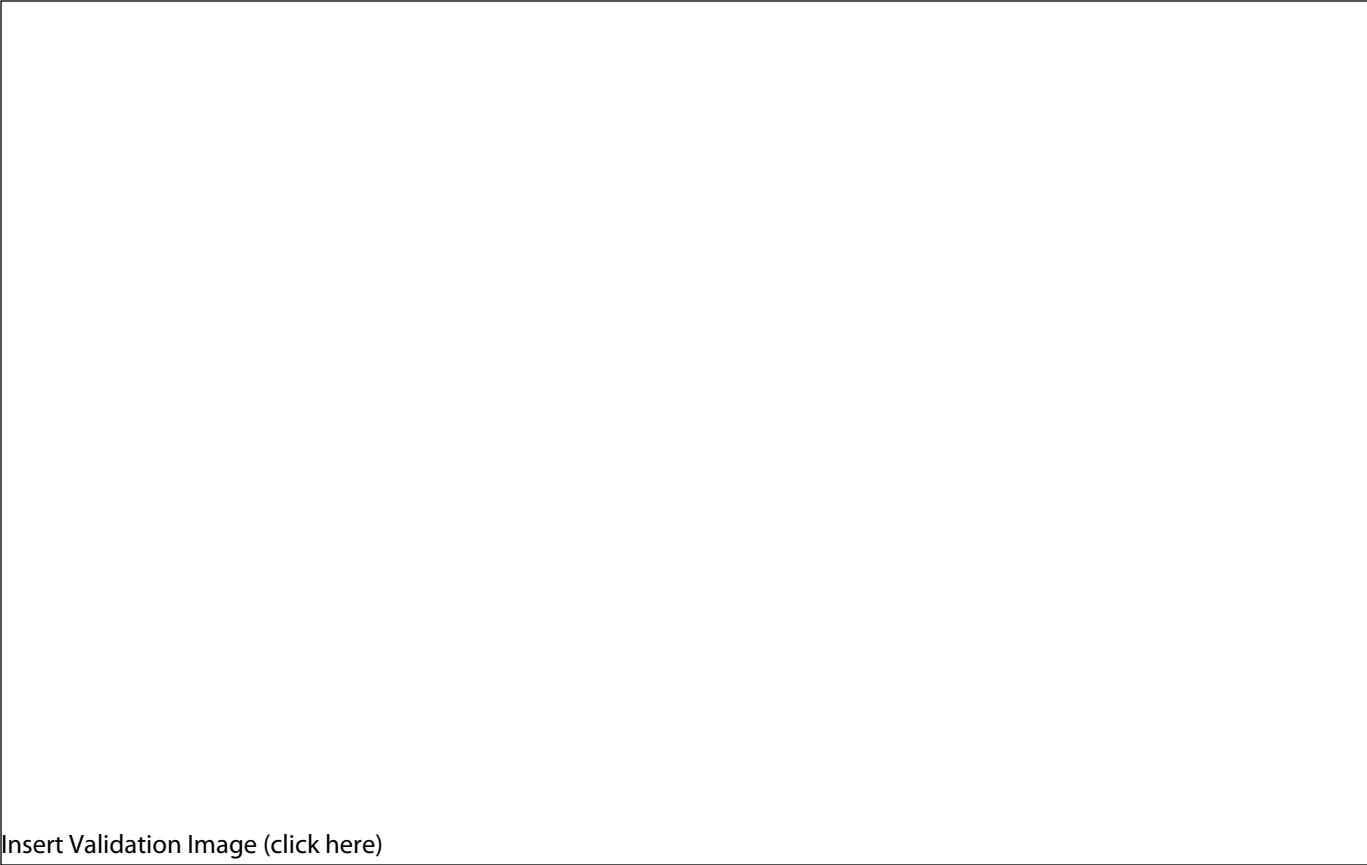
Histone Name

AA modified

AA Position

Modification

Validation #1  
Analysis



Insert Validation Image (click here)

Validation #2  
Analysis



Insert Validation Image (Click here)

**Validation 2: RUNX3\_(SC-101553).** Results of IP-Mass Spec for the ~45 kDa band identified in IP-Western from Validation 1. The target protein, RUNX3, is identified in entry no. 3a.

Entry no.	Protein	Pprotein probability	Percent share of spectrum id's	Description
<b>3a</b>	<b>UniRef100_B1AJV5</b>	<b>1</b>	<b>4.6</b>	<b>Runt-related transcription factor 3 RUNX3_HUMAN</b>
4a	UniRef100_B4DHM5	1	0.38	Phosphoglycerate kinase
5a	UniRef100_B4DUU6	1	0.93	Pyruvate kinase
6a	UniRef100_C5I WV5	1	10.6	Trypsinogen
7a	UniRef100_P02769	1	4.5	Serum albumin
8a	UniRef100_P04264	1	13.42	Keratin, type II cytoskeletal 1
8b	UniRef100_P35908	1	5.19	Keratin, type II cytoskeletal 2 epidermal
9a	UniRef100_P13645	1	8.82	Keratin, type I cytoskeletal 10
9b	UniRef100_P35527	1	6.26	Keratin, type I cytoskeletal 9
9c	UniRef100_P02533	1	0.85	Keratin, type I cytoskeletal 14
10a	UniRef100_P19474	1	5.54	52 kDa Ro protein
11a	UniRef100_Q4R4H6	1	14.97	Brain cDNA, clone: QfIA-11253, similar to human actin, gamma 1 (ACTG1)
11b	UniRef100_Q562R1	1	3.1	Beta-actin-like protein 2
11c	UniRef100_P0CG39	1	1.6	POTE ankyrin domain family member J
11d	UniRef100_P0CG38	1	2.31	POTE ankyrin domain family member I
12	UniRef100_P00762	0.9999	0.36	Anionic trypsin-1
13	UniRef100_P22695	0.9864	0.19	Cytochrome b-c1 complex subunit 2, mitochondrial
14	UniRef100_B4DMU8	0.9837	0.19	cDNA FLJ53063, highly similar to Tubulin beta-7 chain
15	UniRef100_P01625	0.959	0.56	Ig kappa chain V-IV region Len