

# 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

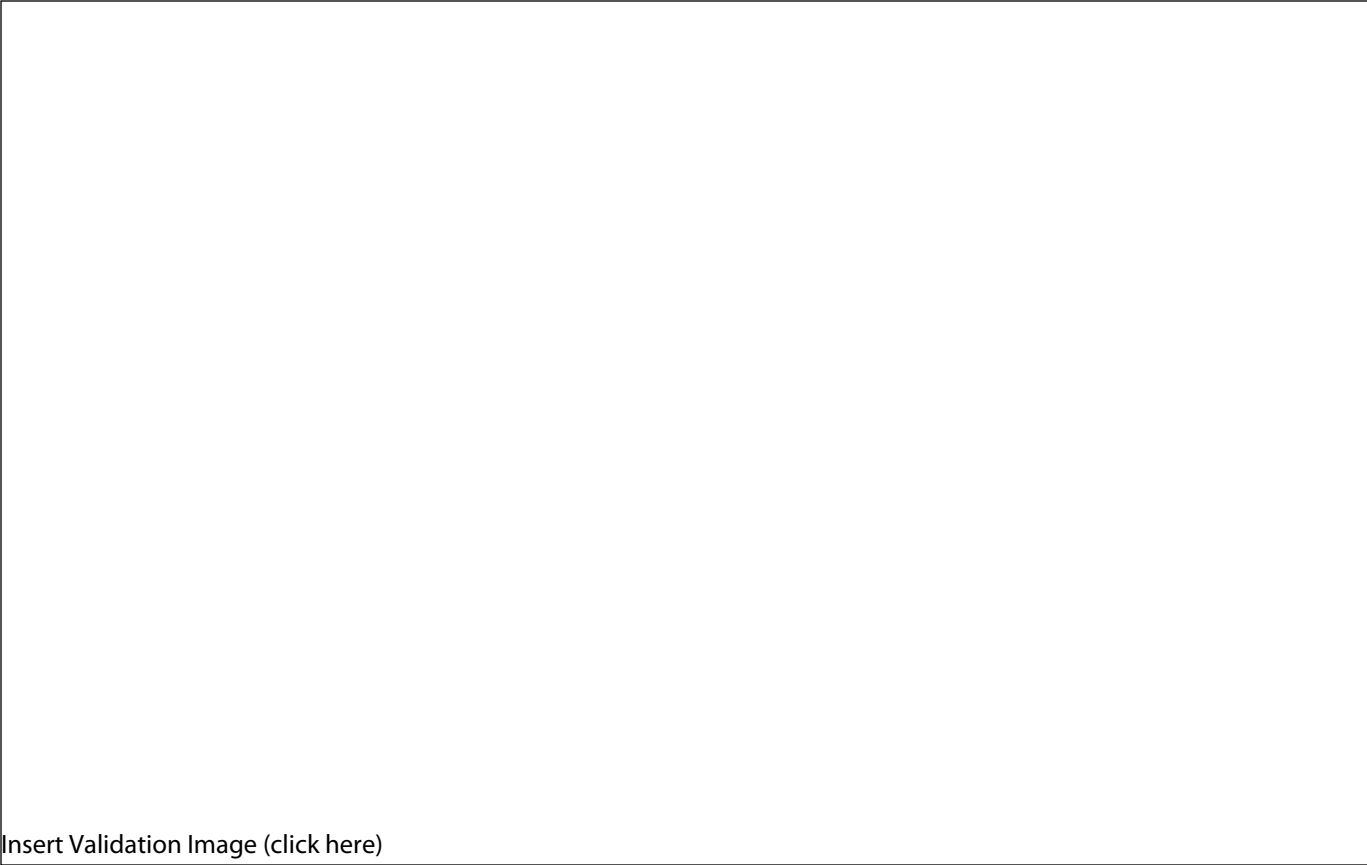
AA Position

Modification

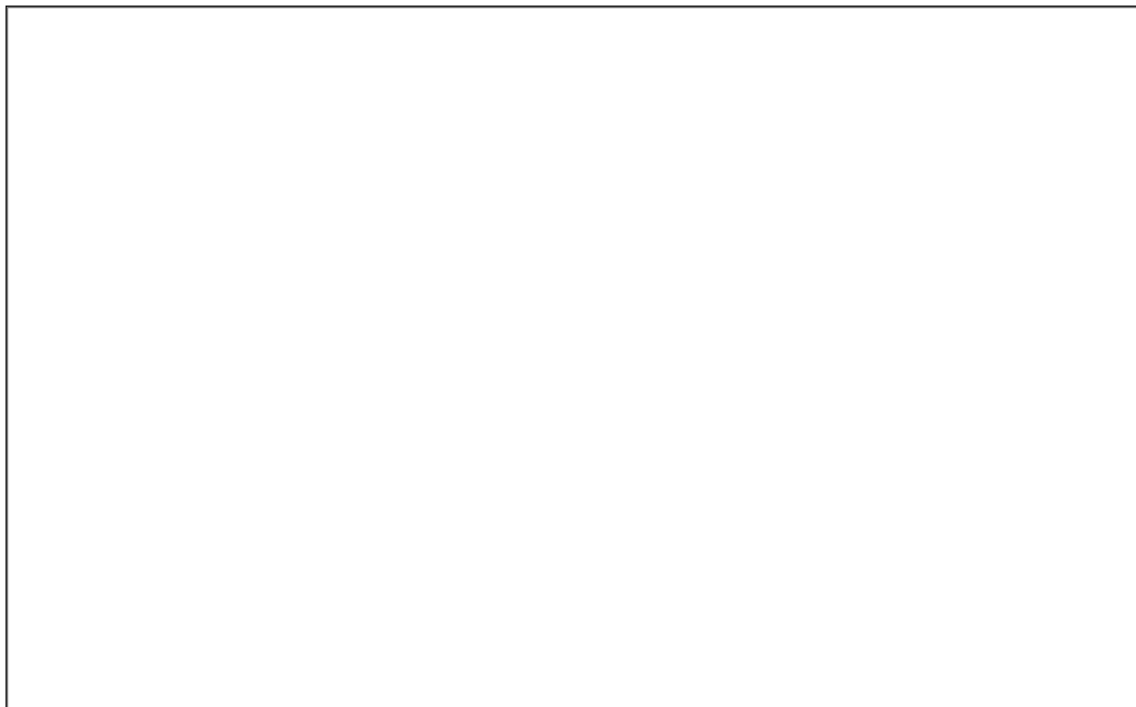
Validation #1  
Analysis



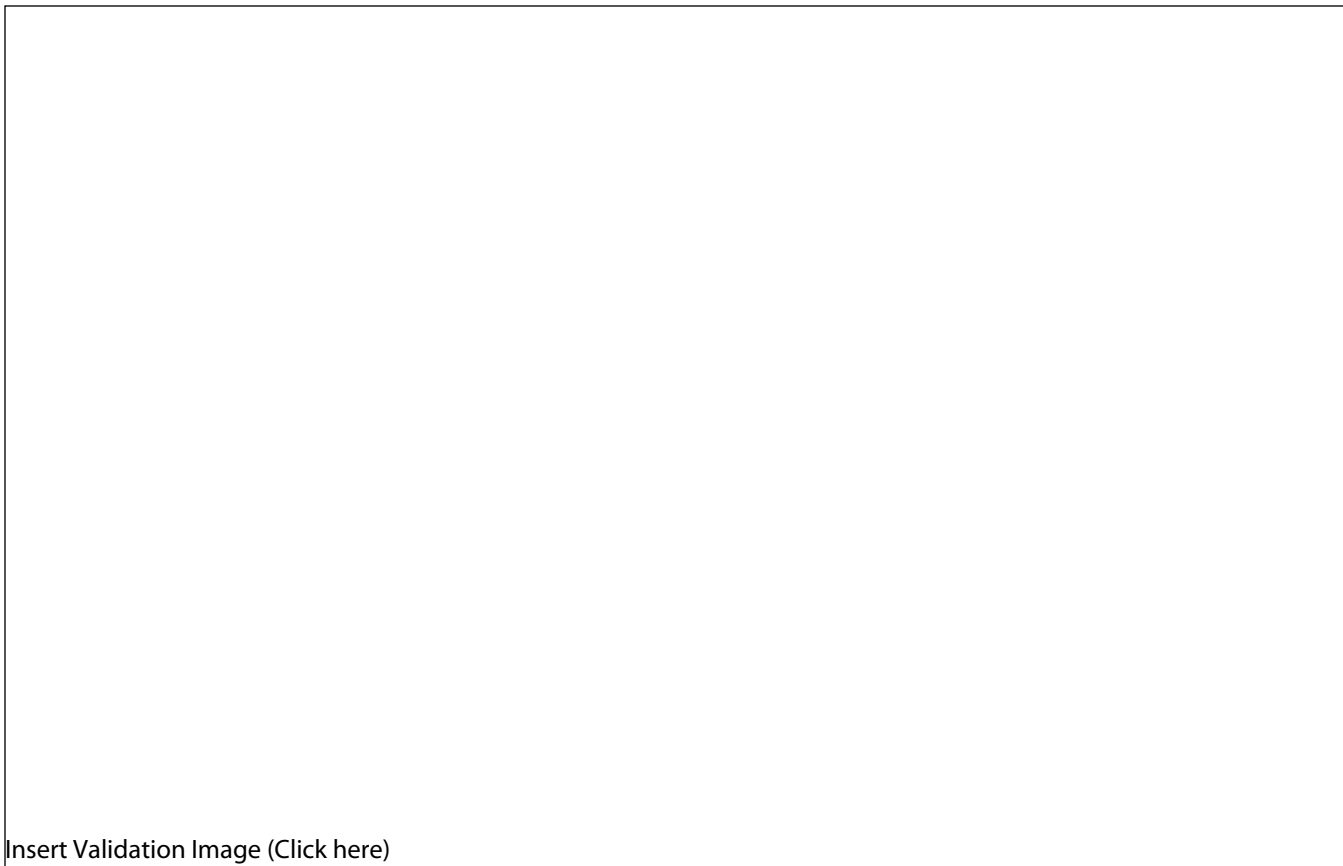
Insert Validation Image (click here)



Validation #2  
Analysis



Insert Validation Image (Click here)



**Validation 2: TRIM28\_(SC-81411)** IP-Mass Spec of the ~100 kDa band identified in IP-Western in Validation 1. Target protein (TRIM28) was identified as entry number 1 with 100% probability.

Entry no.	Protein	Protein probability	Percent share of spectrum id's	Description
1	UniRef100_B2R8R5,UniRef100_Q13263,UniRef100_Q13263-2	1	12.65	<b>cDNA, FLJ94025, highly similar to Homo sapiens tripartite motif-containing 28 (TRIM28), Transcription intermediary factor 1-beta, Isoform 2 of Transcription intermediary factor 1-beta</b>
2	UniRef100_Q15058	1	1.73	Kinesin-like protein KIF14
3	UniRef100_Q6ZW64	1	2.09	cDNA FLJ41552 fis, clone COLON2004478, highly similar to Protein Tro alpha1 H,myeloma
4a	UniRef100_A8MSR3,UniRef100_B4E0M9,UniRef100_B4E0N4,	1	0.89	Putative uncharacterized protein CDK11A
5a	UniRef100_B7Z5C1,UniRef100_Q4W4Y1,UniRef100_Q6NUS1,UniRef100_Q8WUM4,UniRef100_UPI0004121D3	0.9998	1.17	cDNA FLJ56126, highly similar to Programmed cell death 6-interacting protein
6a	UniRef100_C5IWW5,UniRef100_P00761	1	3.09	Trypsinogen
7a	UniRef100_P02769	1	8	Serum albumin
8a	UniRef100_P04264	1	16.43	Keratin, type II cytoskeletal 1
8b	UniRef100_P35908	1	15.4	Keratin, type II cytoskeletal 2 epidermal
8c	UniRef100_P13647	1	7.68	Keratin, type II cytoskeletal 5
9a	UniRef100_P13645,UniRef100_UPI00017BCE7F	1	15.14	Keratin, type I cytoskeletal 10
9b	UniRef100_P35527	1	3.72	Keratin, type I cytoskeletal 9
9c	UniRef100_P02533	1	3.34	Keratin, type I cytoskeletal 14
10	UniRef100_Q7M754	0.9999	1.32	Try10-like trypsinogen
11	UniRef100_UPI0000111654,UniRef100_UPI0000112158,UniRef100_UPI00017BDB3D,UniRef100_UPI00017BDB42	0.9935	0.35	MONOCLONAL ANTIBODY MAK33

12	UniRef100_A1A508, UniRef100_A8CED1, UniRef100_A8CED3,	0.9909	0.7	PRSS3 protein
13	UniRef100_B4DGL0, UniRef100_B4DMA2, UniRef100_P08238, UniRef100_P14625, UniRef100_Q59FC6, UniRef100_Q5CAQ5, UniRef100_Q6PK50, UniRef100_Q96GW1	0.989	0.7	cdNA FLJ53619, highly similar to Heat shock protein HSP 90-beta
14	UniRef100_A8K3W4, UniRef100_A8K5K0, UniRef100_A8K6U7, UniRef100_Q9BUJ2, UniRef100_Q9BUJ2-2, UniRef100_Q9BUJ2-3, UniRef100_Q9BUJ2-4	0.9858	0.35	cdNA FLJ75163, highly similar to Homo sapiens heterogeneous nuclear ribonucleoprotein U-like 1 (HNRPUL1), transcript variant 4, mRNA
15	UniRef100_A5JHP3, UniRef100_P81605	0.9839	1.04	Dermcidin isoform 2
16	UniRef100_B4DRE8, UniRef100_P13639, UniRef100_Q6PK56, UniRef100_Q8TA90	0.9675	0.35	cdNA FLJ58164, highly similar to Elongation factor 2
17	UniRef100_A0N5G3, UniRef100_A2NUT2, UniRef100_C6KXN3,	0.9533	1.15	Rheumatoid factor G9 light chain (Fragment)
18	UniRef100_B4DIW2, UniRef100_B4DJ30, UniRef100_B4DSM6, UniRef100_B4DZ53, UniRef100_Q14697, UniRef100_Q14697-2	0.9427	0.35	cdNA FLJ54035, highly similar to Neutral alpha-glucosidase AB
19	UniRef100_A8K674, UniRef100_B2RDW1, UniRef100_P62988, UniRef100_Q3MIH3, UniRef100_Q49A90,	0.911	0.34	cdNA FLJ75516, highly similar to Xenopus tropicalis ubiquitin C, mRNA
20	UniRef100_Q9NP73-2	0.4977	0.3	Isoform 2 of UDP-N-acetylglucosamine transferase subunit ALG13 homolog
21	UniRef100_A2BF21, UniRef100_A6N154	0.4705	0.45	Collagen, type XI, alpha 2 (Fragment)