

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

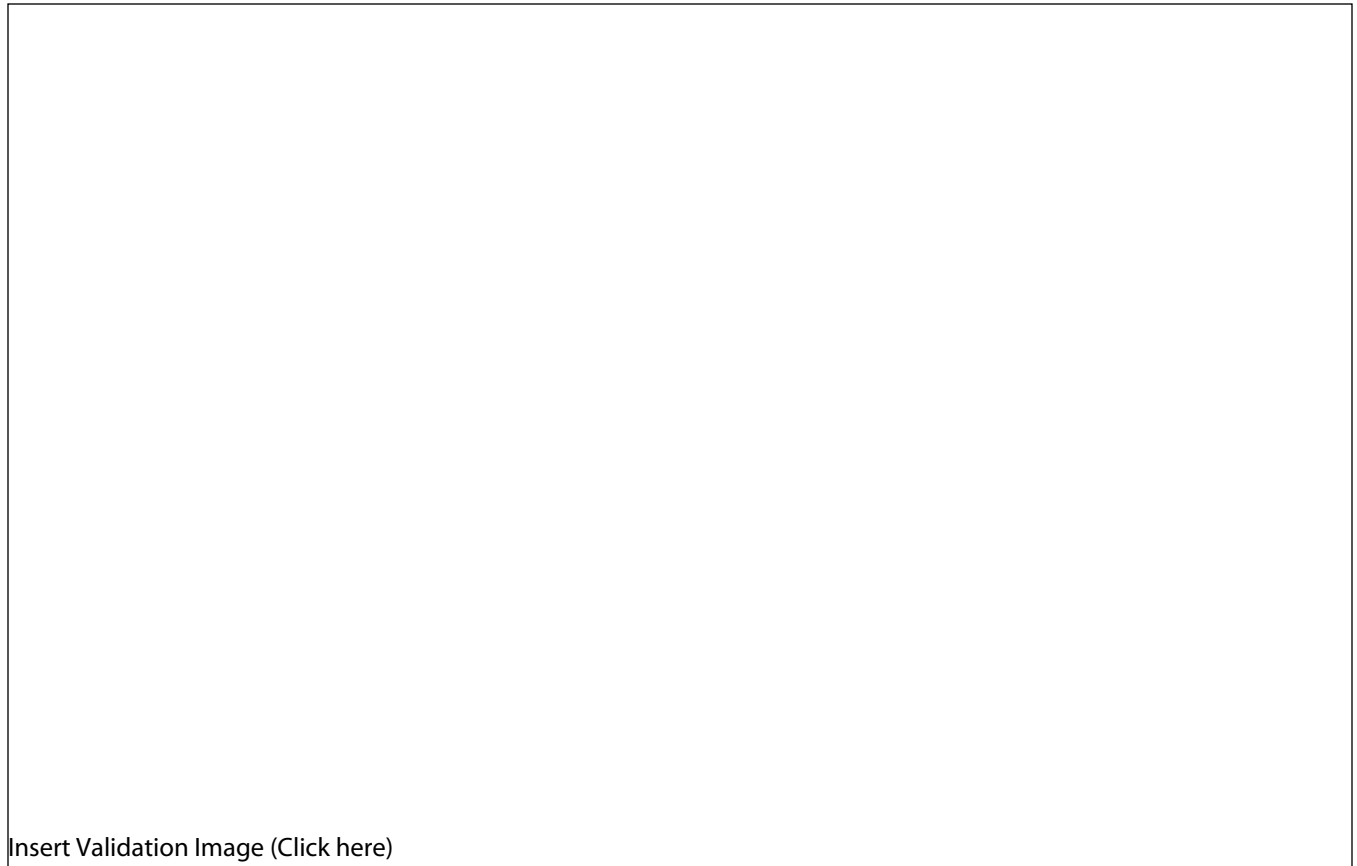
Validation #1
Analysis



Insert Validation Image (click here)



Validation #2
Analysis



Insert Validation Image (Click here)

Validation 2: TEAD4_(SC-101184) IP-Mass Spec on 55 kDa band identified in IP-Western in Validation 1. Target protein is listed as hit 15a in the ~55kDa band.

Entry no.	Protein probability	Protein	Description
1	1	UniRef100_P49411	Elongation factor Tu, mitochondrial
2	1	UniRef100_UPI0000111654	MONOCLONAL ANTIBODY MAK33
3	1	UniRef100_UPI0001552F69	PREDICTED: similar to [Human Ig rearranged gamma chain mRNA, V-J-C region and complete cds.], gene product
5a	1	UniRef100_A6NCC1	Putative uncharacterized protein ENSP00000351411
6a	1	UniRef100_A8K2X8	cDNA FLJ78433, highly similar to Homo sapiens chaperonin containing TCP1, subunit 5 (epsilon) (CCT5), mRNA
7a	1	UniRef100_B1ANR0	Poly(A) binding protein, cytoplasmic 4 (Inducible form)
8a	1	UniRef100_B2R6L0	cDNA, FLJ93005, highly similar to Homo sapiens tubulin, beta polypeptide (TUBB), mRNA
8b	1	UniRef100_Q8IWP6	Class IVb beta tubulin
8c	1	UniRef100_B3KS31	Tubulin, beta 6, isoform CRA_a
8d	0.9995	UniRef100_B3KML9	cDNA FLJ11352 fis, clone HEMBA1000020, highly similar to Tubulin beta-2C chain
9a	1	UniRef100_B2RA03	cDNA, FLJ94640, highly similar to Homo sapiens keratin 18 (KRT18), mRNA
10a	1	UniRef100_B4DG54	cDNA FLJ56635
11a	1	UniRef100_B4DGL0	cDNA FLJ53619, highly similar to Heat shock protein HSP 90-beta
12a	1	UniRef100_B4DTG2	cDNA FLJ56389, highly similar to Elongation factor 1-gamma
13a	1	UniRef100_B4E2C5	cDNA FLJ54032, highly similar to Elongation factor 1-alpha 1
14a	1	UniRef100_C5IWV5	Trypsinogen
15a	1	UniRef100_D3DUQ6	TEA domain family member 4, isoform CRA_b
16a	1	UniRef100_O60884	DnaJ homolog subfamily A member 2
17a	1	UniRef100_P02769	Serum albumin
18a	1	UniRef100_P04264	Keratin, type II cytoskeletal 1
18b	1	UniRef100_P35908	Keratin, type II cytoskeletal 2 epidermal
18c	1	UniRef100_P05787	Keratin, type II cytoskeletal 8
18d	1	UniRef100_B0YJC4	Vimentin variant 3
19a	1	UniRef100_P04424	Argininosuccinate lyase
20a	1	UniRef100_P06576	ATP synthase subunit beta, mitochondrial
21a	1	UniRef100_P06733	Alpha-enolase
22a	1	UniRef100_P13645	Keratin, type I cytoskeletal 10
22b	1	UniRef100_P35527	Keratin, type I cytoskeletal 9
22c	1	UniRef100_P08727	Keratin, type I cytoskeletal 19
22d	0.997	UniRef100_P02533	Keratin, type I cytoskeletal 14
23a	1	UniRef100_P19474	52 kDa Ro protein
24a	1	UniRef100_P31689	DnaJ homolog subfamily A member 1
25a	1	UniRef100_P52597	Heterogeneous nuclear ribonucleoprotein F, N-terminally processed
27a	1	UniRef100_Q14240	Eukaryotic initiation factor 4A-II
28a	1	UniRef100_Q562R1	Beta-actin-like protein 2
29a	1	UniRef100_Q59GV2	RNA binding motif protein 14 variant (Fragment)
31	0.9876	UniRef100_B3KNL2	RuvB-like 2 (E. coli), isoform CRA_d

32	0.9876	UniRef100_B4DEW9	cDNA FLJ52478, highly similar to Eukaryotic translation initiation factor 3 subunit 5
33	0.9876	UniRef100_B4DN45	S-adenosylmethionine synthetase
34	0.9876	UniRef100_B4E0S6	cDNA FLJ55635, highly similar to pre-mRNA-splicing factorATP-dependent RNA helicase DHX15 (EC 3.6.1.-)
35	0.9876	UniRef100_B5BUB5	Autoantigen La (Fragment)
36	0.9876	UniRef100_O15160	DNA-directed RNA polymerases I and III subunit RPAC1
37	0.9876	UniRef100_Q14739	Lamin-B receptor
38	0.9876	UniRef100_Q86U70	LIM domain-binding protein 1
39	0.9864	UniRef100_B4DTC3	cDNA FLJ54150, highly similar to Heterogeneous nuclear ribonucleoprotein D0
40	0.9864	UniRef100_Q53GN7	Mitochondrial ribosomal protein S30 variant (Fragment)
41	0.9828	UniRef100_P17987	T-complex protein 1 subunit alpha
42	0.9804	UniRef100_Q9BVP2	Guanine nucleotide-binding protein-like 3
43	0.9792	UniRef100_Q9NZC9	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1
44	0.978	UniRef100_A8K3D0	cDNA FLJ75185
45	0.978	UniRef100_B4DP56	cDNA FLJ52237, highly similar to Creatine kinase B-type (EC 2.7.3.2)
46	0.9768	UniRef100_B4DMC6	cDNA FLJ60696, highly similar to Elongation factor 2
47	0.9708	UniRef100_A6NK07	Eukaryotic translation initiation factor 2 subunit 2-like protein
48	0.9626	UniRef100_P00762	Anionic trypsin-1
49	0.9504	UniRef100_C9JAF0	Putative uncharacterized protein ENSP00000391831