

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: TP53_(SC-126) IP-Mass Spec of the 53 kDa band identified in IP-Western in Validation 1. Target protein (TP53) was identified as entry number 10a with 99.9% probability.

Entry no.	Protein	Protein probability	Percent share of spectrum id's	Description
1	UniRef100_A8K3C3,	1	1.18	T-complex protein 1 subunit delta
3a	UniRef100_A7MAP1,	1	0.51	Coronin-1C_i3 protein
5a	UniRef100_A8MVA9,	1	0.59	Putative uncharacterized protein WDR1
6a	UniRef100_B3KRR6	1	3.9	cDNA FLJ34752 fis, clone NESOP2000452, highly similar to Lymphocyte-specific protein 1
7a	UniRef100_B4DFI6	0.9999	0.48	cDNA FLJ56689, highly similar to 60S ribosomal protein L4
9a	UniRef100_B4DG39,UniRef100_B4DVJ0,UniRef100_P06744,UniRef100_UPI0001AE63B3	1	1.64	Glucose-6-phosphate isomerase
10a	UniRef100_B4DMH2,UniRef100_B4DNI2,UniRef100_B6E4X6,UniRef100_P04637,UniRef100_P04637-2	0.9999	0.41	Cellular tumor antigen p53
12a	UniRef100_B7Z8Q2,UniRef100_P02765	1	1.7	cDNA FLJ55606, highly similar to Alpha-2-HS-glycoprotein
13a	UniRef100_C5IWW5,UniRef100_P00761	1	2.59	Trypsinogen
14a	UniRef100_P02769,UniRef100_UPI000179EC85	1	4.3	Serum albumin
15a	UniRef100_P04264	1	4.6	Keratin, type II cytoskeletal 1
15b	UniRef100_P35908	1	2.23	Keratin, type II cytoskeletal 2 epidermal
16a	UniRef100_P06576,UniRef100_Q0QEN7	1	3.26	ATP synthase subunit beta, mitochondrial
17a	UniRef100_P06733	1	1.3	Alpha-enolase
18a	UniRef100_P13645,UniRef100_UPI00017BCE7F	1	7.41	Keratin, type I cytoskeletal 10
18b	UniRef100_P35527	1	1.52	Keratin, type I cytoskeletal 9
19a	UniRef100_P19474	1	7.07	52 kDa Ro protein
20a	UniRef100_P25705	1	3.68	ATP synthase subunit alpha, mitochondrial
21a	UniRef100_P31146,UniRef100_Q59G88	1	2.76	Coronin-1A
22a	UniRef100_P61978,UniRef100_Q5EC54,UniRef100_Q5T6W2,UniRef100_Q5T6W5	1	1.45	Heterogeneous nuclear ribonucleoprotein K
23a	UniRef100_P68366	1	2.88	Tubulin alpha-4A chain
24a	UniRef100_Q16658,UniRef100_Q96IH1	1	9.24	Fascin
25a	UniRef100_Q562R1	1	2.37	Beta-actin-like protein 2
26a	UniRef100_UPI000186CB60	1	1.73	tubulin beta chain, putative

27	UniRef100_Q96LA8	0.9901	0.41	Protein arginine N-methyltransferase 6
28	UniRef100_A0N5G3,UniRef100_A2NUT2,UniRef100_C6KXN3,UniRef100_Q6GMW3,UniRef100_Q6GMX4,UniRef100_Q6IPQO,	0.9871	0.53	Rheumatoid factor G9 light chain (Fragment)
29	UniRef100_B5BUB1,UniRef100_Q9Y265,UniRef100_UPI0001B797F9	0.9852	0.41	RuvB-like 1 (Fragment)
30	UniRef100_B3KNT8,UniRef100_B3KV44,UniRef100_B7Z2V4,UniRef100_B7Z5H0,UniRef100_B7Z9C2,UniRef100_P55209,UniRef100_Q4R5C4	0.9842	0.41	cDNA FLJ30458 fis, clone BRACE2009421, highly similar to NUCLEOSOME ASSEMBLY PROTEIN 1-LIKE 1
31	UniRef100_B4DJ63,UniRef100_B4DJQ3,UniRef100_B4DLV4,UniRef100_B4DP88,UniRef100_B4DW25,	0.9746	0.21	Serine hydroxymethyltransferase
32	UniRef100_B4DHR1,UniRef100_P27797,UniRef100_Q53G71	0.9699	0.21	cDNA FLJ53009, highly similar to Calreticulin
33	UniRef100_B2RDY9,UniRef100_B4DI38,UniRef100_B4DNW7,UniRef100_D3DPU2,UniRef100_Q01518,	0.954	0.41	Adenylyl cyclase-associated protein
34	UniRef100_P01767	0.9058	0.2	Ig heavy chain V-III region BUT
35	UniRef100_UPI000186D6B9	0.7393	0.4	Ptx1 homeodomain protein, putative
36	UniRef100_P20848,UniRef100_UPI00004567C2	0.4084	0.18	Putative alpha-1-antitrypsin-related protein
37	UniRef100_Q8N3J7	0.2819	0.19	Putative uncharacterized protein DKFZp761E198 (Fragment)
38	UniRef100_Q9UL88,UniRef100_UPI0001BEF2D9	0.2582	0.32	Myosin-reactive immunoglobulin heavy chain variable region (Fragment)
39	UniRef100_P08426,UniRef100_UPI00001C8A58	0.2539	0.16	Cationic trypsin-3