

## Validation 2: YY1 (SC-1703)

IP-Mass Spec of the 60 kDa band identified in IP-Western in Validation 1. Target protein (YY1) was identified (FDR < 0.05) and is highlighted below.

Identified Proteins	Accession Number	Molecular Weight	YY1 band
T-complex protein 1 subunit alpha n=2 Tax=Homininae RepID=TCPA_HUMAN	P17987	60 kDa	16
60 kDa heat shock protein, mitochondrial n=1 Tax=Homo sapiens RepID=CH60_HUMAN	P10809	61 kDa	14
Chaperonin containing TCP1, subunit 7 (Eta) variant (Fragment) n=1 Tax=Homo sapiens RepID=Q53HV2_HUMAN	Q53HV2 (+1)	59 kDa	13
Serum albumin n=1 Tax=Bos taurus RepID=ALBU_BOVIN	P02769	69 kDa	11
Pyruvate kinase isozymes M1/M2 n=2 Tax=Homininae RepID=KPYM_HUMAN	P14618	58 kDa	11
cDNA, FLJ93545, highly similar to Homo sapiens 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (ATIC), mRNA n=1 Tax=Homo sapiens RepID=B2R7P8_HUMAN	B2R7P8	65 kDa	10
cDNA FLJ78433, highly similar to Homo sapiens chaperonin containing TCP1, subunit 5 (epsilon) (CCT5), mRNA n=1 Tax=Homo sapiens RepID=A8K2X8_HUMAN	A8K2X8 (+7)	60 kDa	9
cDNA FLJ53379, highly similar to T-complex protein 1 subunit theta n=1 Tax=Homo sapiens RepID=B4DEM7_HUMAN	B4DEM7 (+4)	58 kDa	8
Tyrosyl-tRNA synthetase, cytoplasmic n=2 Tax=Homo sapiens RepID=SYYC_HUMAN	P54577	59 kDa	8
cDNA FLJ54023, highly similar to Heat shock protein HSP 90-beta n=1 Tax=Homo sapiens RepID=B4DMA2_HUMAN	B4DMA2 (+1)	79 kDa	7
Heterogeneous nuclear ribonucleoprotein K transcript variant n=1 Tax=Homo sapiens RepID=Q5EC54_HUMAN	Q5EC54	51 kDa	7
cDNA, FLJ94440, highly similar to Homo sapiens chaperonin containing TCP1, subunit 6A (zeta 1)(CCT6A), mRNA n=1 Tax=Homo sapiens RepID=B2R9K8_HUMAN	B2R9K8 (+2)	58 kDa	6
cDNA FLJ44436 fis, clone UTERU2019706, highly similar to T-complex protein 1 subunit gamma n=1 Tax=Homo sapiens RepID=B3KX11_HUMAN	B3KX11 (+4)	58 kDa	5
T-complex protein 1 subunit delta n=1 Tax=Homo sapiens	P50991	58 kDa	4

RepID=TCPD\_HUMAN

cDNA FLJ30049 fis, clone ADRGL1000033, highly similar to  
26S proteasome non-ATPase regulatory subunit 3 n=1  
Tax=Homo sapiens RepID=B3KNN7\_HUMAN

B3KNN7 (+6) 57 kDa 4

Coatomer subunit delta n=2 Tax=Homo sapiens  
RepID=COPD\_HUMAN

P48444 57 kDa 4

Ubiquitin carboxyl-terminal hydrolase n=1 Tax=Homo  
sapiens RepID=A6NJA2\_HUMAN

A6NJA2 (+4) 52 kDa 4

cDNA FLJ51768, highly similar to Asparagine synthetase  
(glutamine-hydrolyzing) (EC 6.3.5.4) n=1 Tax=Homo  
sapiens RepID=B4DXZ1\_HUMAN

B4DXZ1 (+1) 62 kDa 3

Pyruvate kinase n=1 Tax=Homo sapiens  
RepID=B4DPM0\_HUMAN

B4DPM0 (+6) 53 kDa 3

Tubulin alpha-1C chain n=2 Tax=Homininae  
RepID=TBA1C\_HUMAN

Q9BQE3 50 kDa 2

Heat shock cognate 71 kDa protein n=8 Tax=Eutheria  
RepID=HSP7C\_HUMAN

P11142 71 kDa 2

cDNA FLJ59339, highly similar to Probable ATP-dependent  
RNA helicase DDX5 (EC 3.6.1.-) n=1 Tax=Homo sapiens  
RepID=B4DLW8\_HUMAN

B4DLW8 (+3) 61 kDa 2

Vimentin n=2 Tax=Homo sapiens RepID=VIME\_HUMAN

P08670 54 kDa 2

Heat shock 70 kDa protein 1A/1B n=3 Tax=Hominidae  
RepID=HSP71\_HUMAN

P08107 (+1) 70 kDa 2

Insulin-like growth factor 2 mRNA-binding protein 1 n=1  
Tax=Homo sapiens RepID=IF2B1\_HUMAN

Q9NZI8 63 kDa 2

cDNA FLJ54957, highly similar to Transketolase (EC  
2.2.1.1) n=1 Tax=Homo sapiens RepID=B4DE31\_HUMAN

B4DE31 (+3) 69 kDa 2

Heat shock protein HSP 90-alpha n=2 Tax=Homo sapiens  
RepID=HS90A\_HUMAN

P07900 85 kDa 2

AAA domain containing 3A protein n=2 Tax=Homo sapiens  
RepID=D2K8Q1\_HUMAN

D2K8Q1 (+2) 66 kDa 2

Prolyl-tRNA synthetase n=1 Tax=Homo sapiens  
RepID=SYEP\_HUMAN

P07814 171 kDa 2

60 kDa SS-A/Ro ribonucleoprotein n=1 Tax=Homo sapiens  
RepID=RO60\_HUMAN

P10155 61 kDa 2

Eukaryotic translation initiation factor 2B, subunit 4 delta,  
67kDa, isoform CRA\_e n=1 Tax=Homo sapiens  
RepID=Q53RY7\_HUMAN

Q53RY7 (+3) 57 kDa 2

cDNA FLJ53863, highly similar to Cystathionine beta-synthase (EC 4.2.1.22) n=1 Tax=Homo sapiens RepID=B7Z2D6_HUMAN	B7Z2D6 (+3)	56 kDa	2
Putative uncharacterized protein ARFGAP2 n=1 Tax=Homo sapiens RepID=A8MXL3_HUMAN	A8MXL3 (+5)	57 kDa	2
Transcriptional repressor protein YY1 n=1 Tax=Homo sapiens RepID=TY1_HUMAN	P25490	45 kDa	1

# 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*

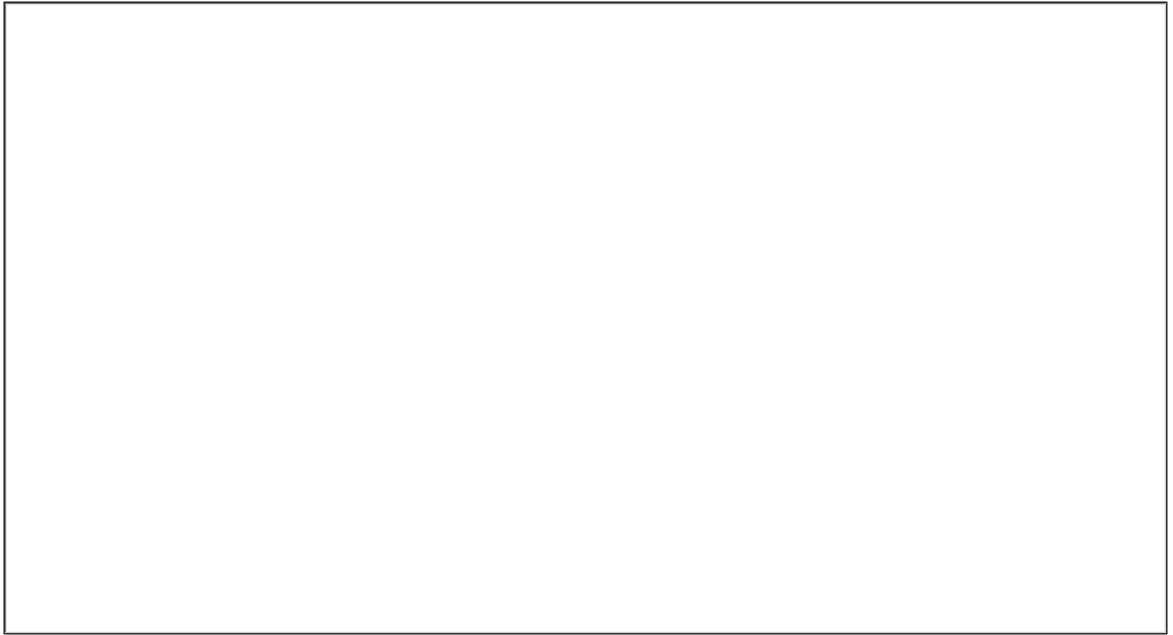
Histone Name

AA modified

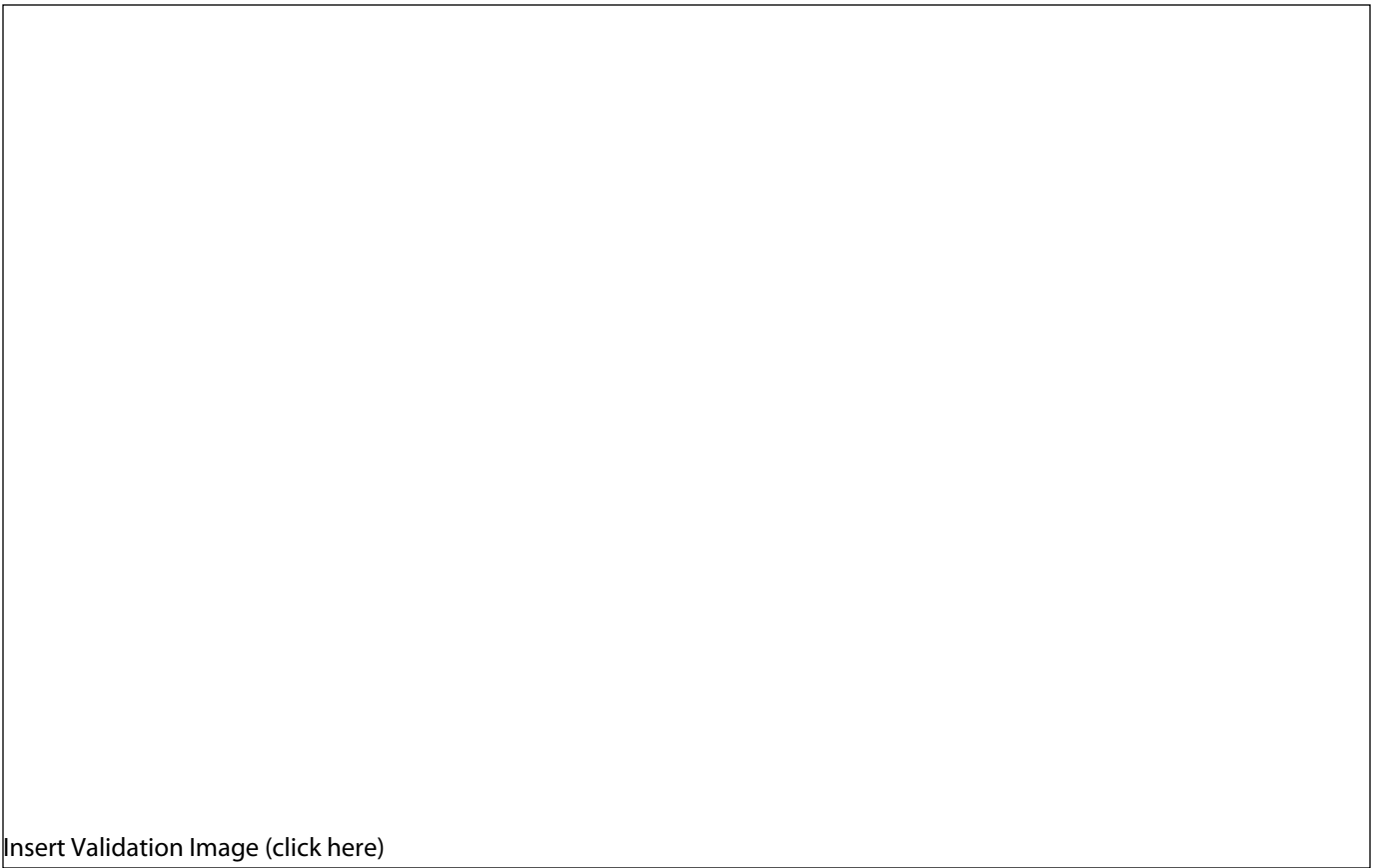
AA Position

Modification

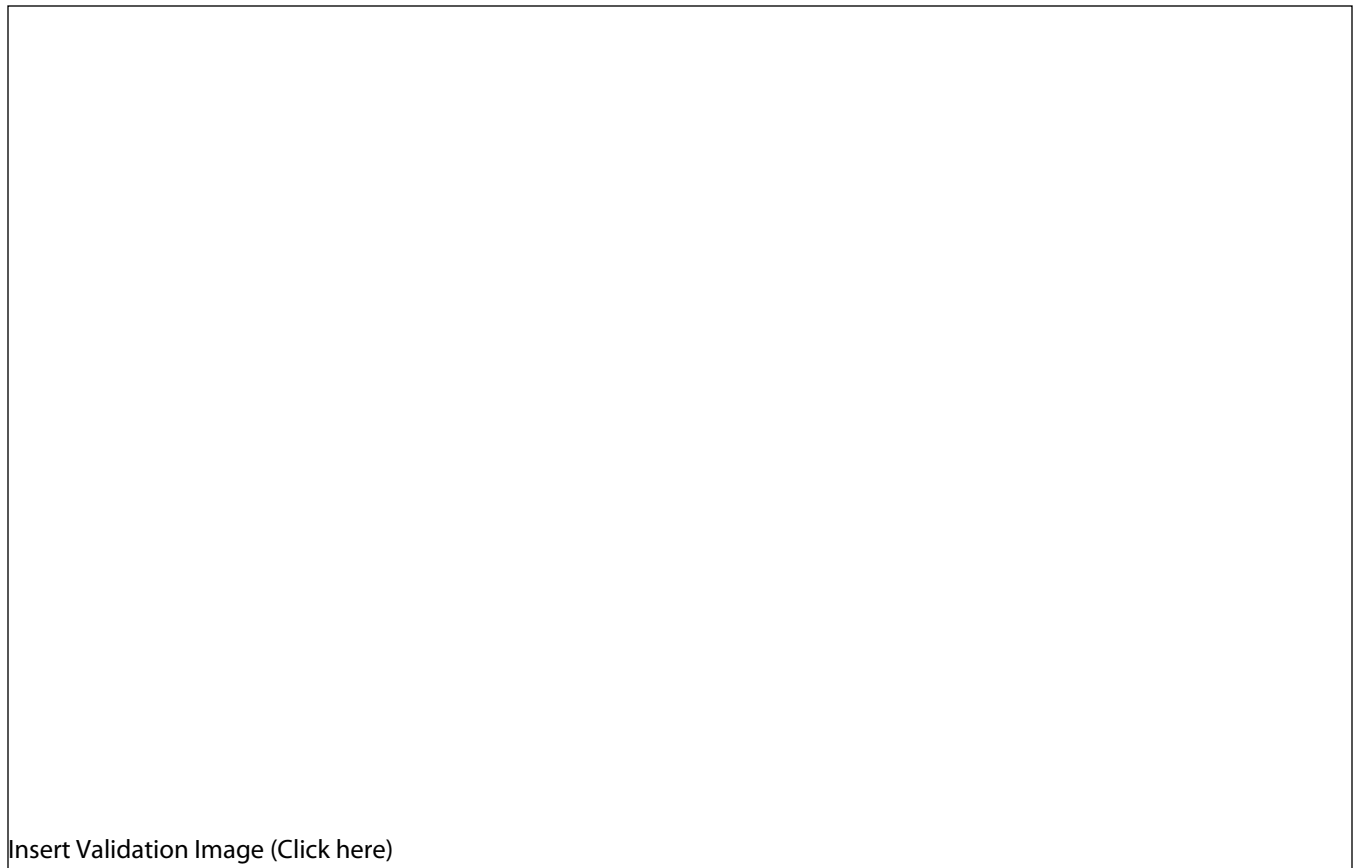
Validation #1  
Analysis



Insert Validation Image (click here)



Validation #2  
Analysis



Insert Validation Image (Click here)