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 [   ]
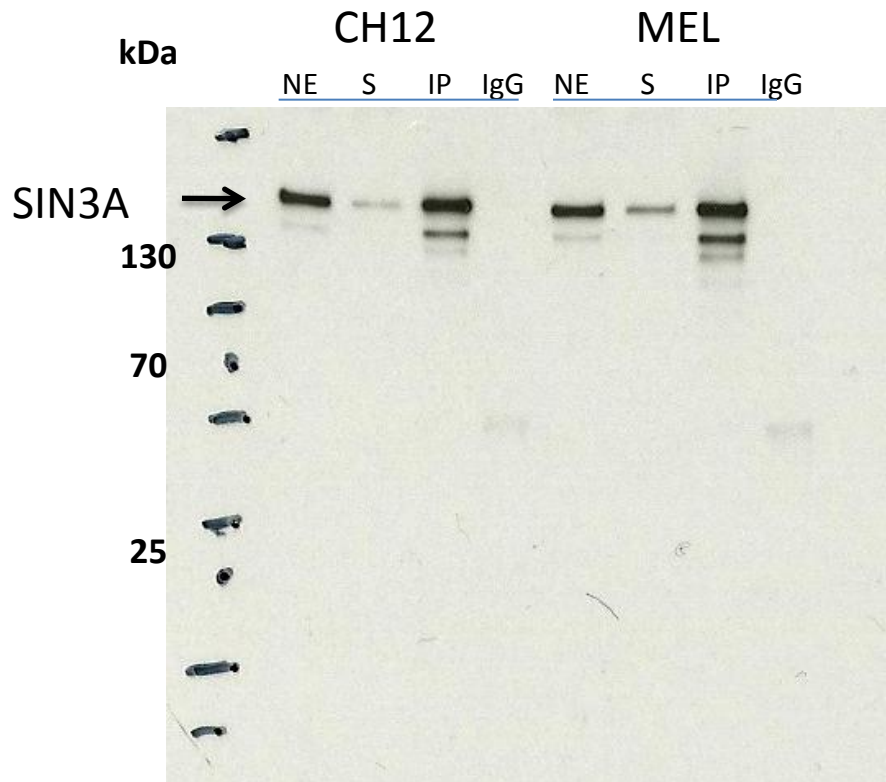
Validation #1
Analysis

Insert Validation Image (click here)

Antibody: Sin3A Source: Novus Biologicals NB600-1263
Epitope: Rabbit polyclonal to Synthetic peptide: MKRRLDDQESDVYAAQQRR, corresponding to amino acids 1-19 of Mouse mSin3A

Validation 1: Immunoprecipitation (IP) in both CH12 and MEL cell lines

Arrow indicates immunoprecipitated band of expected size of Sin3A in both CH12 and MEL cell lines (~150 kDa). We used DMP crosslinker to covalently couple the antibody to the protein A beads in the IP experiment to get rid of antibody bands.

NE: nuclear lysate
S: supernatant after IP
IP: IP with tested antibody
IgG: IP with control IgG

Validation #2
Analysis

Insert Validation Image (Click here)