

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:

This is a rabbit polyclonal antibody generated using a synthetic peptide conjugated to KLH derived from within residues 200 - 300 of Human Zinc finger MIZ domain-containing protein 1.

Target
Description:

Zinc finger MIZ domain-containing protein 1 that has been shown to increase ligand-dependent transcriptional activity of AR and promotes AR sumoylation. The stimulation of AR activity is dependent upon sumoylation.

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

Immunoprecipitation of CH12 and MEL nuclear extracts using anti-ZNIZ1 antibody (ab65767) specifically and efficiently enriched a single band of the expected molecular weight of ZNIZ1 (~100 kD).

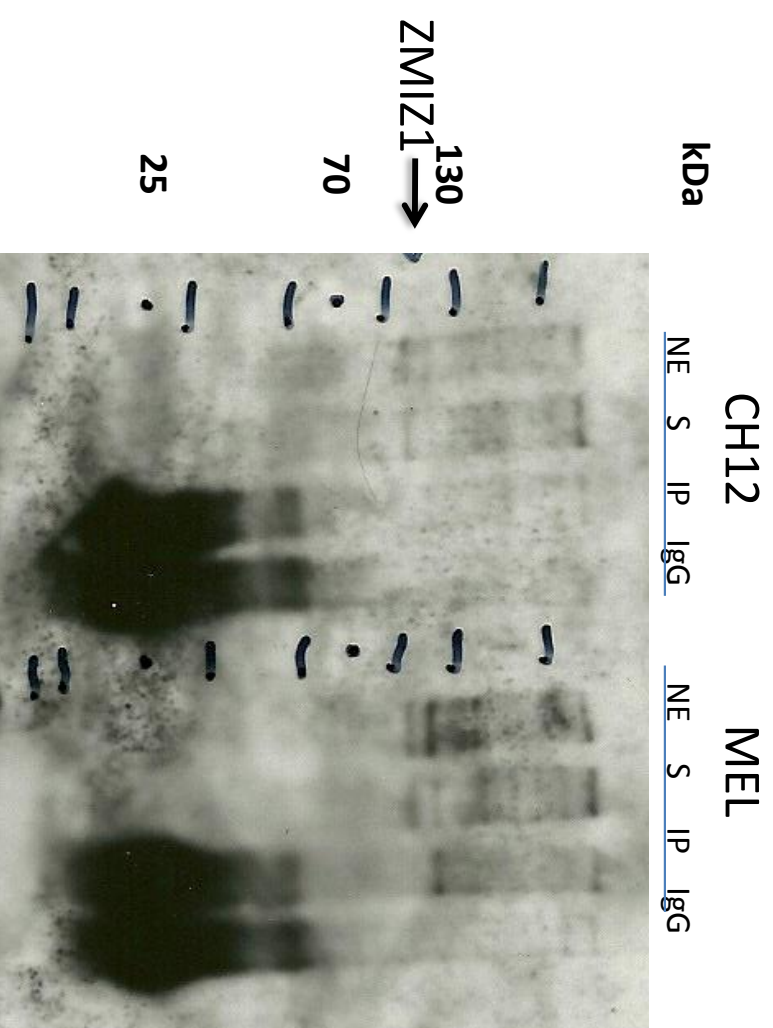
Validation #1
Analysis

Insert Validation Image (click here)

Antibody: ZNF-MIZD-CP1 (Zmiz1) Source: Abcam ab65767

Epitope: ZNF-MIZD-CP1 antibody is a rabbit polyclonal IgG, epitope mapping at 200 - 300 of Human Zinc finger MIZ domain-containing protein 1

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



Arrow indicates immunoprecipitated band of expected size of Zmiz1 in both CH12 and MEL cell lines (~100 kDa).

NE: nuclear extract

S: supernatant after IP

IP: IP with tested antibody

IgG: IP with control IgG

This antibody has been validated by IP-Mass Spec in multiple human cell lines. Please see the validation document for this antibody in human cell lines for details.

Validation #2
Analysis

Insert Validation Image (Click here)