

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 Zinc finger protein 384 recombinant protein epitope signature tag (PrEST) as an immunogen.

Target
Description:

This gene encodes a C2H2-type zinc finger protein, which may function as a transcription factor. This gene also contains long CAG trinucleotide repeats that encode consecutive glutamine residues. The protein appears to bind and regulate the promoters of the extracellular matrix genes MMP1, MMP3, MMP7 and COL1A1.

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-ZNF384 antibody (IP Ab 04051) specifically and efficiently enriched a single band of the expected molecular weight of ZNF384 (~63 kD).

Validation #1
Analysis

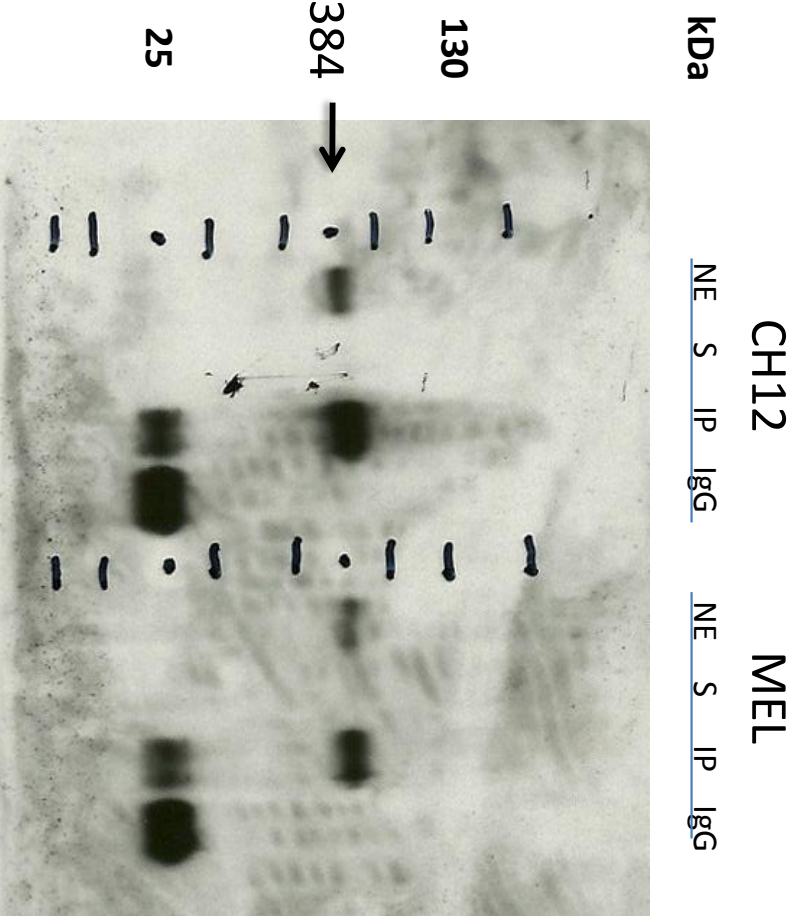
Insert Validation Image (click here)

Antibody: ZNF384 Source: Sigma Aldrich HPA004051

Epitope: ZNF384 antibody epitope peptide sequence:

SHFNSNPYFWPSIPTVSGQIENTMFINKMKDQLLEKGGGLAPPHYPTLLTVPASVSLPSG
ISMDTESKSDQLTPHSQASVTQNITVVPVSTGLMTA

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



Arrow indicates immunoprecipitated band of expected size of ZNF384 in both CH12 and MEL cell lines (~63 kDa).

NE: nuclear extract

S: supernatant after IP

IP: IP with tested antibody

IgG: IP with control IgG

HAP004051 is validated in K562 by IP-Mass-Spec. See validation documents submitted for Human cell lines for details.

Validation #2
Analysis

Insert Validation Image (Click here)