SANTA CRUZ BIOTECHNOLOGY, INC.

# ZNF384 (3545C5a): sc-517543

SANTA CRUZ BIOTECHNOLOGY

*The Power to Question*

## BACKGROUND

ZNF384 (zinc finger protein 384), also known as CAGH1 (CAG repeat protein 1), CIZ (CAS-interacting zinc finger protein), NMP4 (nuclear matrix transcription factor 4) or TNRC1 (trinucleotide repeat-containing gene 1 protein), is a 577 amino acid nuclear protein that interacts with p130 Cas. Existing as three alternatively spliced isoforms, ZNF384 contains eight $C_2H_2$-type zinc fingers and belongs to the Krüppel $C_2H_2$-type zinc-finger protein family. ZNF384 acts as a transcription factor that binds the consensus DNA sequence [GC]AAAAA, and seems to bind and regulate the promoters of MMP-1, MMP-3, MMP-7 and COL1A1. The gene that encodes ZNF384 consists of more than 23,000 bases and maps to human chromosome 12p13.31.

## REFERENCES


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## STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## CHROMOSOMAL LOCATION

Genetic locus: ZNF384 (human) mapping to 12p13.31.

## SOURCE

ZNF384 (3545C5a) is a mouse monoclonal antibody raised against recombinant ZNF384 of human origin.

## PRODUCT

Each vial contains 100 µg $IgG_1$ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

## APPLICATIONS

ZNF384 (3545C5a) is recommended for detection of ZNF384 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

Suitable for use as control antibody for ZNF384 siRNA (h): sc-96211, ZNF384 shRNA Plasmid (h): sc-96211-SH and ZNF384 shRNA (h) Lentiviral Particles: sc-96211-V.

Molecular Weight of ZNF384: isoforms: 63/56/51 kDa.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.