

ZNF544 (3359C4a): sc-81145

BACKGROUND

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF544 is a zinc finger protein belonging to the Kruppel C₂H₂-type zinc-finger protein family. It localizes to the nucleus and may play a role in transcriptional regulation. ZNF544 is a 715 amino acid long protein that contains 13 C₂H₂-type zinc fingers and 1 KRAB domain.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: ZNF544 (human) mapping to 19q13.43.

SOURCE

ZNF544 (3359C4a) is a mouse monoclonal antibody raised against a recombinant protein corresponding to a region near the C-terminus of ZNF544 of human origin.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 1.0% stabilizer protein.

STORAGE

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

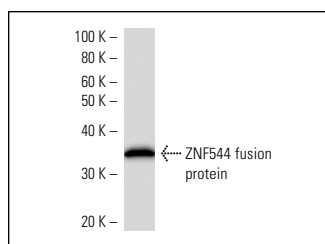
APPLICATIONS

ZNF544 (3359C4a) is recommended for detection of ZNF544 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1–2 µg per 100–500 µg of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for ZNF544 siRNA (h): sc-97574, ZNF544 shRNA Plasmid (h): sc-97574-SH and ZNF544 shRNA (h) Lentiviral Particles: sc-97574-V.

Molecular Weight of ZNF544: 82 kDa.

DATA



ZNF544 (3359C4a): sc-81145 Western Blot analysis of human recombinant ZNF544 fusion protein.

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.