



RNF184 (D-17): sc-103155

BACKGROUND

The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. RNF184 (male-specific lethal 2 homolog), or male-specific lethal 2-like 1, RING finger protein 184, male-specific lethal-2 homolog 1, MSL-2, MSL2, MSL2L1, KIAA1585, FLJ54913 or FLJ10546 is a member of the MSL2 family and contains 577 amino acids. RNF184 associates with MSL-1, MSL3L1 and MOF, to form a multisubunit histone acetyltransferase complex, which functions to assist in higher-order chromatin structure via acetylation of Histone H4 on lysine 16. RNF184 contains one RING-type zinc finger, and the gene encoding RNF184 maps to human chromosome 3q22.2.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: MSL2 (human) mapping to 3q22.2; Msl2 (mouse) mapping to 9 E4.

SOURCE

RNF184 (D-17) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of RNF184 of human origin.

STORAGE

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

PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-103155 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

RNF184 (D-17) is recommended for detection of RNF184 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with other Histone family members.

Suitable for use as control antibody for RNF184 siRNA (h): sc-78467, RNF184 siRNA (m): sc-153031, RNF184 shRNA Plasmid (h): sc-78467-SH, RNF184 shRNA Plasmid (m): sc-153031-SH, RNF184 shRNA (h) Lentiviral Particles: sc-78467-V and RNF184 shRNA (m) Lentiviral Particles: sc-153031-V.

Molecular Weight of RNF184: 62 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

RESEARCH USE

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

PROTOCOLS

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