

RNF26 (1-RE42): sc-134428

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. RNF26 (ring finger protein 26) is a 433 amino acid ubiquitously expressed protein that contains one RING-type zinc finger. Upregulated in a variety of cancer cell lines, RNF26 is encoded by a gene located on human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

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CHROMOSOMAL LOCATION

Genetic locus: RNF26 (human) mapping to 11q23.3.

RESEARCH USE

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

SOURCE

RNF26 (1-RE42) is a mouse monoclonal antibody raised against recombinant RNF26 protein of human origin.

PRODUCT

Each vial contains 100 µg IgG₃ kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

RNF26 (1-RE42) is recommended for detection of RNF26 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for RNF26 siRNA (h): sc-96584, RNF26 shRNA Plasmid (h): sc-96584-SH and RNF26 shRNA (h) Lentiviral Particles: sc-96584-V.

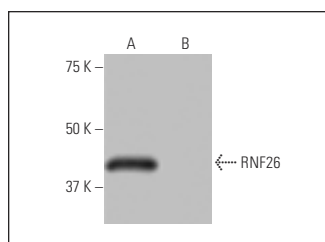
Molecular Weight of RNF26: 48 kDa.

Positive Controls: human RNF26 transfected 293T whole cell lysate.

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker[™] Molecular Weight Standards: sc-2035, UltraCruz[®] Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

DATA



RNF26 (1-RE42): sc-134428. Western blot analysis of RNF26 expression in human RNF26 transfected (A) and non-transfected (B) 293T whole cell lysates

STORAGE

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

PROTOCOLS

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