

ZNF426 (A-20): sc-130042

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 Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF426 (zinc finger protein 426), also known as MGC2663, is a 554 amino acid protein that is thought to be involved in transcriptional regulation. Localized to the nucleus, ZNF426 contains one KRAB domain and 12 C₂H₂-type zinc fingers through which it may convey DNA, RNA and protein binding capabilities. Specifically, ZNF426 may interact with the viral protein KSHV ORF 50 and, through this interaction, may activate viral gene transcription.

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.

RESEARCH USE

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

CHROMOSOMAL LOCATION

Genetic locus: ZNF426 (human) mapping to 19p13.2.

SOURCE

ZNF426 (A-20) is a purified rabbit polyclonal antibody raised against ZNF426 of human origin.

PRODUCT

Each vial contains 50 µg IgG in 500 µl PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

APPLICATIONS

ZNF426 (A-20) is recommended for detection of ZNF426 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).

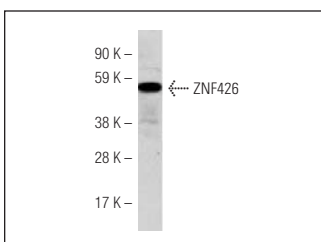
Suitable for use as control antibody for ZNF426 siRNA (h): sc-97770, ZNF426 shRNA Plasmid (h): sc-97770-SH and ZNF426 shRNA (h) Lentiviral Particles: sc-97770-V.

Molecular Weight of ZNF426: 63 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (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) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

DATA



ZNF426 (A-20): sc-130042. Western blot analysis of ZNF426 expression in fetal liver tissue extract.

PROTOCOLS

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