SANTA CRUZ BIOTECHNOLOGY, INC.

ZNF227 (E-20): sc-130041



The Power to Question

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. ZNF227 (zinc finger protein 227) is a 799 amino acid member of the Krüppel C_2H_2 -type zinc finger protein family and is thought to be involved in transcriptional regulation. Localized to the nucleus, ZNF227 contains one KRAB domain and 19 C_2H_2 -type zinc fingers through which it may convey DNA, RNA and protein binding capabilities.

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.

PROTOCOLS

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

CHROMOSOMAL LOCATION

Genetic locus: ZNF227 (human) mapping to 19q13.31.

SOURCE

ZNF227 (E-20) is a purified rabbit polyclonal antibody raised against ZNF227 of human origin.

PRODUCT

Each vial contains 50 μ g lgG in 500 μ l PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

APPLICATIONS

ZNF227 (E-20) is recommended for detection of ZNF227 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for ZNF227 siRNA (h): sc-97815, ZNF227 shRNA Plasmid (h): sc-97815-SH and ZNF227 shRNA (h) Lentiviral Particles: sc-97815-V.

Molecular Weight of ZNF227: 92 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.

RESEARCH USE

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