



ZNF382 (A-18): sc-102212

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. ZNF385A (zinc finger matrin-type protein 385A), also known as HZF (hematopoietic zinc finger protein), RZF (retinal zinc finger protein) or ZNF385, is a 366 amino acid protein that contains three matrin-type zinc fingers. The matrin-type zinc finger, which is very similar in structure to the classical DNA-binding C₂H₂ zinc finger, was first identified in the protein matrin-3. The matrin-type zinc finger has also been identified in several spliceosome RNA-binding proteins, suggesting a role in pre-mRNA binding. ZNF385A is expressed predominantly in the retina and is localized to the nucleus as well as the cytoplasm. Two isoforms of ZNF385A exist due to alternative splicing events.

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: ZNF382 (human) mapping to 19q13.12.

SOURCE

ZNF382 (A-18) is a purified rabbit polyclonal antibody raised against ZNF382 of human origin.

PRODUCT

Each vial contains 100 µg IgG in 1.0 ml PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

APPLICATIONS

ZNF382 (A-18) is recommended for detection of ZNF382 of human and dog 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 ZNF382 siRNA (h): sc-97183, ZNF382 shRNA Plasmid (h): sc-97183-SH and ZNF382 shRNA (h) Lentiviral Particles: sc-97183-V.

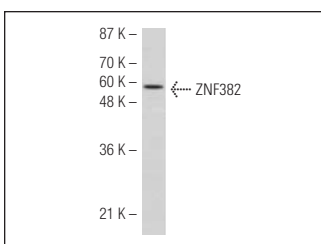
Molecular Weight of ZNF382: 64 kDa.

Positive Controls: Jurkat whole cell lysate: sc-2204.

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



ZNF382 (A-18): sc-102212. Western blot analysis of ZNF382 expression in Jurkat whole cell lysate.

RESEARCH USE

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