

# ZNF346 (LB-L12): sc-135613

## 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. ZNF346 (zinc-finger protein 346), also known as JAZ (just another zinc-finger protein), is a 294 amino acid protein that contains four matrin-type zinc fingers. The matrin-type zinc finger, which is very similar in structure to the classical DNA-binding C<sub>2</sub>H<sub>2</sub> 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. Two isoforms exist due to alternate splicing events.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: ZNF346 (human) mapping to 5q35.2.

## SOURCE

ZNF346 (LB-L12) is a mouse monoclonal antibody raised against recombinant ZNF346 protein of human origin.

## RESEARCH USE

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

## PRODUCT

Each vial contains 100 µg IgG<sub>1</sub> kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

## APPLICATIONS

ZNF346 (LB-L12) is recommended for detection of ZNF346 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 ZNF346 siRNA (h): sc-91891, ZNF346 shRNA Plasmid (h): sc-91891-SH and ZNF346 shRNA (h) Lentiviral Particles: sc-91891-V.

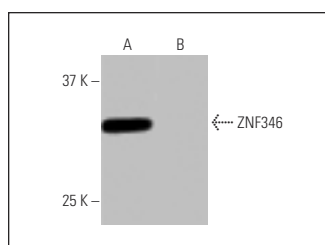
Molecular Weight of ZNF346: 33 kDa.

Positive Controls: human ZNF346 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



ZNF346 (LB-L12): sc-135613. Western blot analysis of ZNF346 expression in human ZNF346 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](http://www.scbt.com) for detailed protocols and support products.