ZNF688 (h): 293T Lysate: sc-369835



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. Zinc finger protein 688 (ZNF688) is a 276 amino acid member of the Krüppel C_2H_2 -type zinc-finger protein family. Localized to the nucleus, ZNF688 contains two C_2H_2 -type zinc fingers and one KRAB domain through which it is thought to be involved in DNA-binding and transcriptional regulation.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: ZNF688 (human) mapping to 16p11.2.

PRODUCT

ZNF688 (h): 293T Lysate represents a lysate of human ZNF688 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

APPLICATIONS

ZNF688 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive ZNF688 antibodies. Recommended use: 10-20 µl per lane.

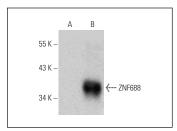
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

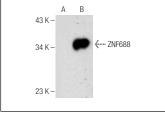
ZNF688 (F-6): sc-390617 is recommended as a positive control antibody for Western Blot analysis of enhanced human ZNF688 expression in ZNF688 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-lgG κ BP-HRP: sc-516102 or m-lgG κ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz MarkerTM Molecular Weight Standards: sc-2035, UltraCruz[®] Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA





ZNF688 (F-6): sc-390617. Western blot analysis of ZNF688 expression in non-transfected: sc-117752 (A) and human ZNF688 transfected: sc-369835 (B) 293T

ZNF688 (B-3): sc-390334. Western blot analysis of ZNF688 expression in non-transfected: sc-117752 (A) and human ZNF688 transfected: sc-369835 (B) 293T whole cell lysates.

RESEARCH USE

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

PROTOCOLS

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

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