

ZNF253 (h): 293T Lysate: sc-117049

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 Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF253, also known as bone marrow zinc finger 1 (BMZF-1) or zinc finger protein 411, is a 275 amino acid protein belonging to the Kruppel C₂H₂-type zinc-finger protein family. Localized to the nucleus, ZNF253 contains one KRAB domain and three C₂H₂-type zinc fingers. Due to the presence of these domains, ZNF253 may be involved in transcriptional regulation. ZNF253 is also thought to have transcriptional repression activity. ZNF253 is expressed in immature erythroid cell lines and in bone marrow.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: ZNF253 (human) mapping to 19p13.11.

PRODUCT

ZNF253 (h): 293T Lysate represents a lysate of human ZNF253 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

ZNF253 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive ZNF253 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.

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.

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.