

CIZ1 (2186C2a): sc-81069

BACKGROUND

CIZ1 (Cip1-interacting zinc finger protein, CDKN1A-interacting zinc finger protein 1) is a 898 amino acid protein encoded by the human gene CIZ1. CIZ1, a nuclear protein, is a member of the matrin 3 family that contains one matrin-type zinc finger. CIZ1 is composed of two functionally distinct domains: an N-terminal replication domain and a C-terminal nuclear matrix anchor. Patterns of CIZ1 isoform expression have the potential to influence DNA replication, as the exclusion of exon 4 influences the spatial distribution of the CIZ1 protein within the nucleus.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: CIZ1 (human) mapping to 9q34.11.

SOURCE

CIZ1 (2186C2a) is a mouse monoclonal antibody raised against a recombinant protein corresponding to an internal region of CIZ1 of human origin.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 1.0% stabilizer protein.

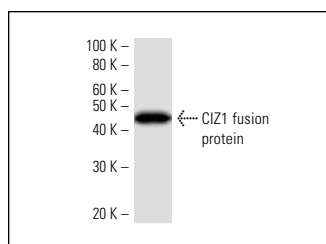
APPLICATIONS

CIZ1 (2186C2a) is recommended for detection of CIZ1 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for CIZ1 siRNA (h): sc-92905, CIZ1 shRNA Plasmid (h): sc-92905-SH and CIZ1 shRNA (h) Lentiviral Particles: sc-92905-V.

Molecular Weight of CIZ1: 134 kDa.

DATA



CIZ1 (2186C2a): sc-81069 Western Blot analysis of human recombinant CIZ1 fusion protein.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. 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.