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Lieferung & Zahlungsart

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SANTA CRUZ BIOTECHNOLOGY, INC.

AKR1C14 (m): 293T Lysate: sc-118312

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

Members of the AKR family are soluble NADPH-dependent oxidoreductases that play important roles in the metabolism of drugs, carcinogens and reactive aldehydes and may also act as bile acid-binding proteins. There are 12 human ARK proteins 15 rodent ARK proteins, all of which functions as oxidoreductases that may regulate a variety of reactions throughout the cell. AKR1C14 (aldo-keto reductase family 1, member C14) is a 323 amino acid mouse protein that is encoded by a gene which is localized to a region on mouse chromosome 13 that houses a cluster of eight hydroxysteroid dehydrogenases.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Akr1c14 (mouse) mapping to 13 A1.

PRODUCT

AKR1C14 (m): 293T Lysate represents a lysate of mouse AKR1C14 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.

RESEARCH USE

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

APPLICATIONS

AKR1C14 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive AKR1C14 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.

PROTOCOLS

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