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Lieferung & Zahlungsart

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- Mindermengenzuschlag
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- Gefahrgutzuschlag
- Expressversand

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SANTA CRUZ BIOTECHNOLOGY, INC.

ALG-2 (m): 293T Lysate: sc-118350

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

An increased intracellular Ca^{2+} concentration induces apoptotic cell death. Transiently elevated Ca^{2+} concentrations are required for glucocorticoid-mediated and T cell receptor-mediated pathways, leading to T cell apoptosis. ALG-2 (for apoptosis-linked gene 2) is a Ca^{2+}-binding protein that participates in regulatory events occuring late in the apoptotic program and where several death signals converge. ALG-2 is a protein expressed in normal brain, and to a greater extent in ischemic brain. The ALG-2 protein contains five EF-hand-like motifs and shares homology with members of the penta EF-hand family, which includes Calpain small subunits sorcin and Grancalcin.

REFERENCES

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9. Tarabykina, S., Moller, A.L., Durussel, I., Cox, J. and Berchtold, M.W. 2000. Two forms of the apoptosis-linked protein ALG-2 with different Ca^{2+} affinities and target recognition. J. Biol. Chem. 275: 10514-10518.

CHROMOSOMAL LOCATION

Genetic locus: Pdcd6 (mouse) mapping to 13 C1.

PRODUCT

ALG-2 (m): 293T Lysate represents a lysate of mouse ALG-2 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

RESEARCH USE

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

APPLICATIONS

ALG-2 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive ALG-2 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.

PROTOCOLS

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