



GATAD1 (m): 293T Lysate: sc-120425

BACKGROUND

GATAD1 (GATA zinc finger domain-containing protein 1), also known as ODAG (ocular development-associated gene protein), is a 269 amino acid protein that is involved in early ocular development. Expressed highly in postnatal eye tissue, GATAD1 is associated with formation of the lens and its surrounding structures, suggesting a possible role in the transformation of ocular tissues into a working eye. GATAD1 expression declines dramatically after the early stages of development. GATAD1 contains 1 GATA-type zinc finger which functions as a DNA-binding domain. Additionally, GATAD1 gene expression is amplified in certain cancerous cells, suggesting that it may be involved in carcinogenesis.

REFERENCES

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4. Nagel, S., Leich, E., Quentmeier, H., Meyer, C., Kaufmann, M., Drexler, H.G., Zettl, A., Rosenwald, A. and Macleod, R.A. 2008. Amplification at 7q22 targets cyclin-dependent kinase 6 in T cell lymphoma. *Leukemia* 22: 387-392.

CHROMOSOMAL LOCATION

Genetic locus: Gatad1 (mouse) mapping to 5 A1.

PRODUCT

GATAD1 (m): 293T Lysate represents a lysate of mouse GATAD1 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

GATAD1 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive GATAD1 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.