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SKIV2L2 (m): 293T Lysate: sc-123569

BACKGROUND

SKIV2L2 (superkiller viralicidic activity 2-like 2) is a 1,042 amino acid protein that belongs to the helicase family and the SKI2 subfamily. The SKIV2L2 protein localizes to nucleus, contains one helicase ATP-binding domain and one helicase C-terminal domain. SKIV2L2 is identified in the spliceosome C complex and may be involved in pre-mRNA splicing. SKIV2L2 is associated with the RNA exosome complex and involved in the 3' processing of the 7S pre-RNA to the mature 5.8S rRNA. The SKIV2L2 gene is conserved in chimpanzee, cannie, bovine, mouse, rat, chicken, zebrafish, fruit fly, mosquito, *C. elegans*, *S. pombe*, *S. cerevisiae*, *K. lactis*, *E. gossypii*, *M. grisea*, *N. crassa*, *A. thaliana* and rice, and maps to human chromosome 5q11.2. A mutation in SKIV2L2 in zebrafish causes defects in cell proliferation, suggesting that SKIV2L2 plays a role in regulating melanoblast proliferation during early stages of melanocyte regeneration.

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CHROMOSOMAL LOCATION

Genetic locus: Skiv2l2 (mouse) mapping to 13 D2.2.

PRODUCT

SKIV2L2 (m): 293T Lysate represents a lysate of mouse SKIV2L2 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.

APPLICATIONS

SKIV2L2 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive SKIV2L2 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.

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.