



RLIM (m): 293T Lysate: sc-123216

BACKGROUND

RLIM (RING finger LIM domain-binding protein), also known as RNF12 (RING finger protein 12) or NY-REN-43, is a 624 amino acid RING-H2 zinc finger protein that is involved in protein ubiquitinylation and subsequent degradation. Expressed in a variety of tissues, RLIM binds to the LIM domain of various proteins and functions as a protein ligase that negatively co-regulates LIM homeodomain (LIM-HD) transcription factors. Through its interaction with Sin3A, a component of the histone deacetylase corepressor complex, RLIM is able to recruit the corepressor complex to LIM-HD proteins, thereby inhibiting LIM-HD transcription. In addition to recruiting the deacetylase complex to LIM-HD proteins, RLIM is able to bind to, ubiquitinate and subsequently degrade LIM proteins, which function as positive co-regulators of LIM-HD transcription factors. RLIM contains one RING-type zinc finger and is implicated in renal cell carcinoma.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Rlim (mouse) mapping to X D.

PRODUCT

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

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