

PPIL1 (h): 293T Lysate: sc-171444

BACKGROUND

PPIL1 (peptidylprolyl isomerase (cyclophilin)-like 1), also known as CYPL1, PPIase, CGI-124 or hCyPX, is a member of the cyclophilin-type PPIase family of proteins. PPIL1 contains one PPIase cyclophilin-type domain and is ubiquitously expressed with predominant expression in skeletal muscle and heart. PPIL1 is a component of the 35 S U5 snRNP (small nuclear ribonucleoprotein) and is also recruited to the 45 S activated spliceosome by Skip (SNW1), a transcriptional coactivator. PPIL1 stably associates with Skip and may play a role in spliceosome activation, possibly functioning as a foldase or a molecular chaperone. In addition, PPIL1 interacts with Op18, a protein involved in microtubule stabilization, and may participate in cell proliferation. PPIL1 expression levels are elevated in cancer cells, further supporting a role for PPIL1 in proliferation and tumorigenesis.

REFERENCES

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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.

CHROMOSOMAL LOCATION

Genetic locus: PPIL1 (human) mapping to 6p21.2.

PRODUCT

PPIL1 (h): 293T Lysate represents a lysate of human PPIL1 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

PPIL1 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive PPIL1 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.