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UBXD1 (m2): 293T Lysate: sc-122434

BACKGROUND

UBX domain-containing protein 1 (UBXD1), also known as UBX domain-containing protein 6 (UBXD6), is a 441 amino acid cofactor of the ATPase complex known as valosin containing protein (VCP). VCP plays a critical role in a multitude of cellular pathways, including membrane fusion, protein folding, protein degradation, DNA repair and ubiquitin-dependent activation of certain membrane-bound transcription factors. These diverse cellular functions appear to be made possible by the association of VCP with various cofactors, one of which includes UBXD1. Localized to the cytoplasm, nucleus and centrosome, with enhanced expression in testis, UBXD1 contains two domains: a PUG domain, which allows interaction with VCP, and an UBX domain. Two named isoforms of UBXD1 exist as a result of alternative splicing events.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Ubxn6 (mouse) mapping to 17 D.

PRODUCT

UBXD1 (m2): 293T Lysate represents a lysate of mouse UBXD1 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

UBXD1 (m2): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive UBXD1 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.