

FBXO22 (h3): 293T Lysate: sc-117197

BACKGROUND

FBXO22 (F-box only protein 22), also known as FBX22 or FBX22 p44, is a 403 amino acid protein that is predominately expressed in the liver. F-box proteins are critical components of the SCF (Skp1-CUL1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. They are members of a larger family of proteins that are involved in the regulation of a wide variety of cellular processes (including the cell cycle, immune response, signaling cascades and developmental processes) through the targeting of proteins, such as cyclins and cyclin-dependent kinase inhibitors (CDKs), I κ B- α and β -catenin, for degradation by the proteasome after ubiquitination. Three isoforms of FBXO22 exist due to alternative splicing.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: FBXO22 (human) mapping to 15q24.2.

PRODUCT

FBXO22 (h3): 293T Lysate represents a lysate of human FBXO22 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

FBXO22 (h3): 293T Lysate is suitable as a Western Blotting positive control for human reactive FBXO22 antibodies. Recommended use: 10-20 μ l per lane.

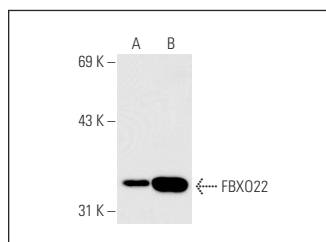
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

FBXO22 (FF-7): sc-100736 is recommended as a positive control antibody for Western Blot analysis of enhanced human FBXO22 expression in FBXO22 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:
1) Western Blotting: use m-IgG κ BP-HRP: sc-516102 or m-IgG κ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



FBXO22 (FF-7): sc-100736. Western blot analysis of FBXO22 expression in non-transfected: sc-117752 (A) and human FBXO22 transfected: sc-117197 (B) 293T whole cell lysates.

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.