

MAWDBP (h): 293 Lysate: sc-111233

BACKGROUND

MAWDBP (MAWD binding protein), also known as PBLD (phenazine biosynthesis-like protein domain containing) or MAWBP, is a 288 amino acid protein that belongs to the phenazine biosynthesis-like protein (phzF) family. It has been suggested that MAWDBP is the only representative of the phzF family in the human genome. Expressed in most tissues, MAWDBP is a WD-40 repeat-containing β -propeller protein believed to participate in the MAPK signaling pathway. Involved in multiple basic cellular functions, expression of MAWDBP is elevated in several disease processes, including Insulin resistance, folate deficiency and hypotension. It is thought that MAWDBP may also be involved in carcinogenesis.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: PBLD (human) mapping to 10q21.3.

PRODUCT

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

APPLICATIONS

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

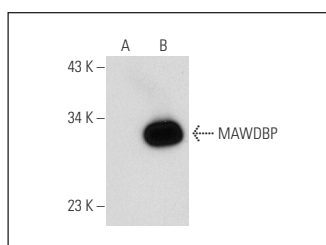
Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-transfected 293 cells.

MAWDBP (1): sc-101502 is recommended as a positive control antibody for Western Blot analysis of enhanced human MAWDBP expression in MAWDBP transfected 293 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



MAWDBP (1): sc-101502. Western blot analysis of MAWDBP expression in non-transfected: sc-110760 (A) and human MAWDBP transfected: sc-111233 (B) 293 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.