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- Expressversand

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ADRM1 (h2): 293T Lysate: sc-172201

BACKGROUND

ADRM1 (adhesion-regulating molecule 1), also known as GP110, ARM-1 or Rpn13, is a 407 amino acid protein that localizes to both the nucleus and the cytoplasm and is thought to be involved in protein recruitment and cell adhesion. An integral membrane protein, ADRM1 functions to recruit UCH-L5, a deubiquitinating enzyme, to the 26S Proteasome, and once at the proteasome it promotes the activity of UCH-L5. Additionally, ADRM1 is thought to mediate lymphocyte adhesion in endothelial cells and may thus play a role in lymphocyte homing. ADRM1 expression is induced by IFN- γ in some cancer cell lines and its expression is upregulated in other metastatic cells, suggesting a role in carcinogenesis. Two isoforms of ADRM1 exist due to alternative splicing events.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: ADRM1 (human) mapping to 20q13.33.

PRODUCT

ADRM1 (h2): 293T Lysate represents a lysate of human ADRM1 transfected 293T cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

STORAGE

Store at -20 $^{\circ}$ C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

APPLICATIONS

ADRM1 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive ADRM1 antibodies. Recommended use: 10-20 μ l per lane.

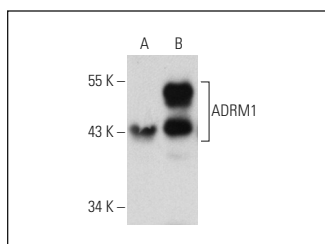
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

ADRM1 (F-12): sc-166754 is recommended as a positive control antibody for Western Blot analysis of enhanced human ADRM1 expression in ADRM1 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 MarkerTM Molecular Weight Standards: sc-2035, UltraCruz[®] Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



ADRM1 (F-12): sc-166754. Western blot analysis of ADRM1 expression in non-transfected: sc-117752 (A) and human ADRM1 transfected: sc-172201 (B) 293T whole cell lysates.

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.