

SCAND1 (SCANH7G4): sc-81377

BACKGROUND

SCAND1 (SCAN domain containing 1), also known as RAZ1 or SDP1, is a nuclear protein that may play a role in the mechanism of transcription regulation. It is widely expressed with highest levels of expression found in kidney, thyroid, liver, prostate and testis. SCAND1 contains one SCAN box domain and, unlike the majority of other SCAN domain containing proteins, it does not contain a zinc finger motif. The SCAN box domain is a conserved leucine rich motif, approximately 60 amino acids in length, that participates in protein-protein interactions. SCAND1 interacts with ZNF38, ZNF191 and MZF-1. It also interacts with ZNF202 and PPAR γ , suggesting that it plays a role in the transcriptional regulation of genes that are involved in energy homeostasis and lipid metabolism.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: SCAND1 (human) mapping to 20q11.23.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

SOURCE

SCAND1 (SCANH7G4) is a mouse monoclonal antibody raised against a recombinant protein corresponding to an internal region of SCAND1 of human origin.

PRODUCT

Each vial contains 100 μ g IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 1.0% stabilizer protein.

APPLICATIONS

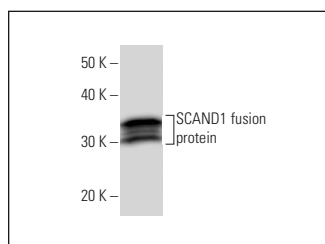
SCAND1 (SCANH7G4) is recommended for detection of SCAND1 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for SCAND1 siRNA (h): sc-76458, SCAND1 shRNA Plasmid (h): sc-76458-SH and SCAND1 shRNA (h) Lentiviral Particles: sc-76458-V.

Molecular Weight of SCAND1: 28 kDa.

Positive Controls: Hep G2 cell lysate: sc-2227, Caco-2 cell lysate: sc-2262 or HEL 92.1.7 cell lysate: sc-2270.

DATA



SCAND1 (SCANH7G4): sc-81377. Western Blot analysis of human recombinant SCAND1 fusion protein.

STORAGE

For immediate and continuous use, store at 4° C for up to one month. For sporadic use, freeze in working aliquots in order to avoid repeated freeze/thaw cycles. If turbidity is evident upon prolonged storage, clarify solution by centrifugation.

RESEARCH USE

For research use only, not for use in diagnostic procedures.