# ASC-1 (h): 293 Lysate: sc-113114



The Power to Question

### **BACKGROUND**

Activating signal cointegrator-1 (ASC-1), originally identified as TRIP4, is a transcriptional co-activator of nuclear receptors that associates with specific components of the RNA polymerase II complex and binds the basal transcription factors TBP and TFIIA. ASC-1 functions with the transcription integrators SRC-1 and CBP/p300 through its zinc finger motif and is dependent on their ligand-dependent transactivation domain, AF2. Endogenous ASC-1 in HeLa cells is predominantly a nuclear protein. Under conditions of serum starvation, ASC-1 localizes to the cytoplasm. However, when serum-starved in the presence of ligand of coexpressed CBP or SRC-1, ASC-1 remains in the nucleus. This behavior of ASC-1 suggests that it may play an important role in establishing distinct co-activator complexes under different cellular conditions.

# **REFERENCES**

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### CHROMOSOMAL LOCATION

Genetic locus: TRIP4 (human) mapping to 15q22.31.

## **PRODUCT**

ASC-1 (h): 293 Lysate represents a lysate of human ASC-1 transfected 293 cells and is provided as 100  $\mu$ g protein in 200  $\mu$ l SDS-PAGE buffer.

## **APPLICATIONS**

ASC-1 (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive ASC-1 antibodies. Recommended use: 10-20 µl per lane.

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

# **RESEARCH USE**

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

### **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.

# **PROTOCOLS**

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

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