HIVEP1 (2417C2 a): sc-81097



The Power to Question

BACKGROUND

HIVEP1 (human immunodeficiency virus type I enhancer binding protein 1), also known as CIRIP (cirhin interaction protein), MBP-1 (major histocompatibility complex binding protein 1), ZNF40, CRYBP1 (α A-crystallin binding protein 1) or PRDII-BF1 (positive regulatory domain II binding factor 1), is a large DNA-binding protein that belongs to the ZAS family. HIVEP1 contains a pair of C_2H_2 zinc fingers with a serine/threonine-rich sequence and an acidic-rich region, as well as a ZAS domain. It is ubiquitously expressed and is directly involved in the transcriptional regulation of a variety of genes. There are homologs of this gene in D. melanogaster and C. elegans. In humans, HIVEP1 interacts with the IFN- β promoter and enhancer in the HIV-1 long terminal repeat. It specifically binds to the DNA sequence 5'-GGGACTTTCC-3'. Various isoforms of HIVEP1 exist due to alternative splicing events. HIVEP1 may also participate in T cell activation.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: HIVEP1 (human) mapping to 6p24.1

SOURCE

HIVEP1 (2417C2 a) is a mouse monoclonal antibody raised against a recombinant protein corresponding to the C-terminal region of HIVEP1 of human origin.

PRODUCT

Each vial contains 100 $\mu g \ lgG_1$ in 1.0 ml of PBS with < 0.1% sodium azide and 1.0% stabilizer protein.

APPLICATIONS

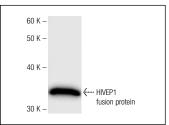
HIVEP1 (2417C2 a) is recommended for detection of HIVEP1 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)].

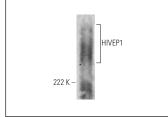
Suitable for use as control antibody for HIVEP1 siRNA (h): sc-95382, HIVEP1 shRNA Plasmid (h): sc-95382-SH and HIVEP1 shRNA (h) Lentiviral Particles: sc-95382-V.

Molecular Weight of HIVEP1: 300 kDa.

Positive Controls: HeLa nuclear extract: sc-2120.

DATA





HIVEP1 (2417C2 a): sc-81097. Western blot analysis of human recombinant HIVEP1 fusion protein.

HIVEP1 (2417C2 a): sc-81097. Western blot analysis of HIVEP1 expression in HeLa nuclear extract.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. 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.