

UBN-1 (UBN1G12): sc-81420

BACKGROUND

Epstein-Barr virus (EBV)-associated lymphoproliferative disorders frequently develop in patients with AIDS. The major target tissues for EBV infection are B lymphocytes and epithelial cells of the oropharyngeal zone. The protein product of the EBV BZLF1 early gene, EB1, interacts with viral and cellular promoters and transcription factors, thereby modulating the reactivation of EBV infection. The EB1 interacting protein, ubinuclein (UBN-1), is a product of the UBN1 gene and is expressed in the nucleus of human epidermis. The amino-terminus of ubinuclein contains the nuclear localization signal whereas the central domain is responsible for the interaction of UBN-1 with the DNA-binding domain of EB1.

REFERENCES

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5. Schneider, U., Ruhnke, M., Delecluse, H.J., Stein, H. and Huhn, D. 2000. Regression of Epstein-Barr virus-associated lymphoproliferative disorders in patients with acquired immunodeficiency syndrome during therapy with foscarnet. *Ann. Hematol.* 79: 214-216.

CHROMOSOMAL LOCATION

Genetic locus: UBN1 (human) mapping to 16p13.3.

SOURCE

UBN-1 (UBN1G12) is a mouse monoclonal antibody raised against a recombinant protein corresponding to an internal region of UBN-1 of human origin.

PRODUCT

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

RESEARCH USE

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

PROTOCOLS

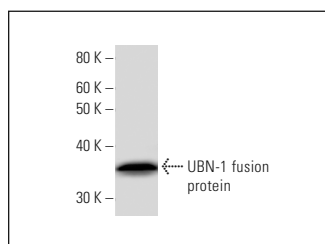
See our web site at www.scbt.com for detailed protocols and support products.

APPLICATIONS

UBN-1 (UBN1G12) is recommended for detection of UBN-1 of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for UBN-1 siRNA (h): sc-106663, UBN-1 shRNA Plasmid (h): sc-106663-SH and UBN-1 shRNA (h) Lentiviral Particles: sc-106663-V.

DATA



UBN-1 (UBN1G12): sc-81420. Western Blot analysis of human recombinant UBN-1 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.