

UBP1 Monoclonal antibody

Catalog Number: 67318-1-Ig

Basic Information

Catalog Number:

67318-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5010

GenBank Accession Number:

BC047235

GeneID (NCBI):

7342

UNIPROT ID:

Q9NZI7

Full Name:

upstream binding protein 1 (LBP-1a)

Calculated MW:

60 kDa

Observed MW:

65-68 kDa

Purification Method:

Protein G purification

CloneNo.:

1B10H3

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, HepG2 cells, LNCaP cells, K-562 cells, Jurkat cells

Background Information

UBP1, also known as Transcription factor LBP-1, is a 540 amino acid protein, which is expressed in adrenal tissue, JEG-3, NCI-H295A, Hep-G2 and HeLa cell lines. UBP1 localizes in nuclear and can be induced by HIV-1 infection of lymphocytes. UBP1 functions as a transcriptional activator in a promoter context-dependent manner and modulates the placental expression of CYP11A1. UBP1 is involved in regulation of the alpha-globin gene in erythroid cells and represses HIV-1 transcription by inhibiting the binding of TFIID to the TATA-box.

Storage

Storage:

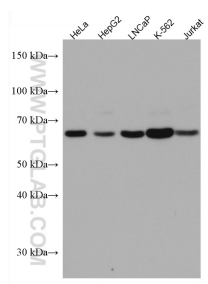
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67318-1-Ig (UBP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.