

For Research Use Only

# UBP1 Monoclonal antibody

Catalog Number: 67318-1-Ig



## Basic Information

<b>Catalog Number:</b> 67318-1-Ig	<b>GenBank Accession Number:</b> BC047235	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7342	<b>CloneNo.:</b> 1B10H3
<b>Source:</b> Mouse	<b>Full Name:</b> upstream binding protein 1 (LBP-1a)	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 60 kDa	
<b>Immunogen Catalog Number:</b> AG5010	<b>Observed MW:</b> 65-68 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, LNCaP cells, K-562 cells, Jurkat cells
<b>Species Specificity:</b> Human	

## 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

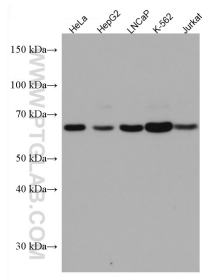
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
*Aliquoting is unnecessary for -20°C storage*

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## 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.