

For Research Use Only

UBP1 Polyclonal antibody

Catalog Number: 13856-1-AP



Basic Information

Catalog Number: 13856-1-AP	GenBank Accession Number: BC047235	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7342	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9NZI7	
Isotype: IgG	Full Name: upstream binding protein 1 (LBP-1a)	
Immunogen Catalog Number: AG4830	Calculated MW: 60 kDa	
	Observed MW: 68 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A549 cells, human kidney tissue, HeLa cells, HepG2 cells, Jurkat cells, MCF-7 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human breast cancer tissue,

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

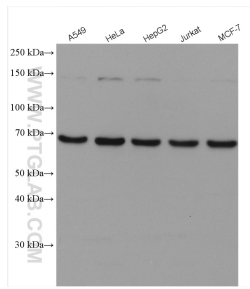
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

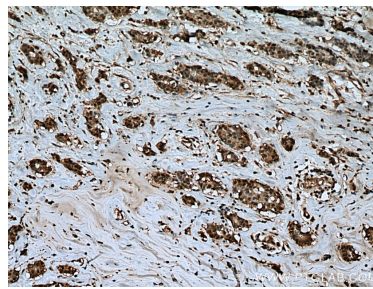
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13856-1-AP (UBP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13856-1-AP (UBP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).