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UBP1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14065c

Specification

UBP1 Antibody (Center) - Product Information

Application	**WB, IF, IHC-P,E**
Primary Accession	Q9NZI7
Other Accession	Q811S7, NP_001121632.1, NP_055332.3, NP_001121633.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**60491**
Antigen Region	**266-295**

UBP1 Antibody (Center) - Additional Information

Gene ID 7342

Other Names
Upstream-binding protein 1, Transcription factor LBP-1, UBP1, LBP1

Target/Specificity
This UBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 266-295 amino acids from the Central region of human UBP1.

Dilution
WB~~1:1000
IF~~1:10~50
IHC-P~~1:10~50
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
UBP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

UBP1 Antibody (Center) - Protein Information

Name UBP1

Synonyms LBP1

Function Functions as a transcriptional activator in a promoter context-dependent manner. Modulates the placental expression of CYP11A1. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2 (By similarity). Involved in regulation of the alpha-globin gene in erythroid cells. Binds strongly to sequences around the HIV-1 initiation site and weakly over the TATA- box. Represses HIV-1 transcription by inhibiting the binding of TFIID to the TATA-box.

Cellular Location
Nucleus.

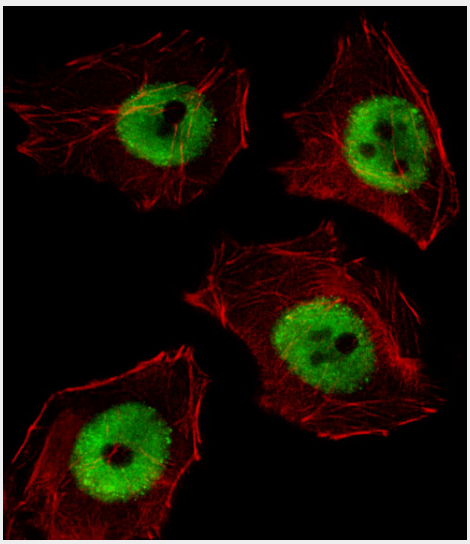
Tissue Location
Expressed in adrenal tissue, JEG-3, NCI-H295A, Hep- G2 and HeLa cell lines.

UBP1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UBP1 Antibody (Center) - Images



Fluorescent image of A549 cell stained with UBP1 Antibody (Center)(Cat#AP14065c).A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with UBP1 primary antibody (1:25, 1 h at 37℃). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37℃).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at

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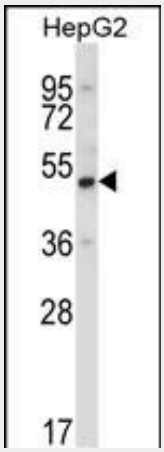
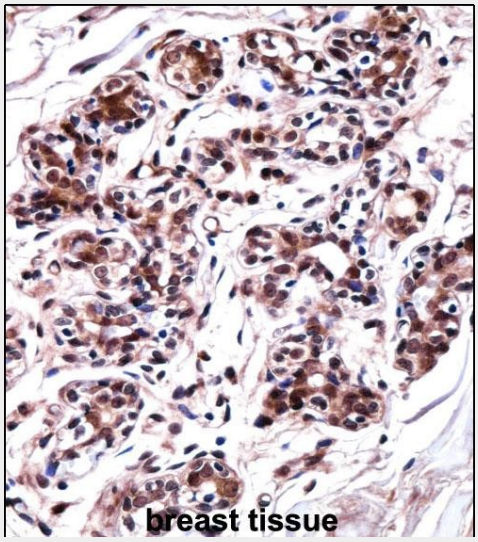
37℃).UBP1 immunoreactivity is localized to Nucleus significantly.



UBP1 Antibody (Center) (Cat. #AP14065c) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the UBP1 antibody detected the UBP1 protein (arrow).



UBP1 Antibody (Center) (AP14065c)immunohistochemistry analysis in formalin fixed and paraffin embedded human breast tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of UBP1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

UBP1 Antibody (Center) - Background

UBP1 functions as a transcriptional activator in a promoter context-dependent manner. Modulates the placental expression of CYP11A1. Involved in regulation of the alpha-globin gene in erythroid cells. Activation of the alpha-globin promoter in erythroid cells is via synergistic interaction with TFCP2 (By similarity). Involved in regulation of the alpha-globin gene in erythroid cells. Binds strongly to sequences around the HIV-1 initiation site and weakly over the TATA-box. Represses HIV-1 transcription by inhibiting the binding of TFIID to the TATA-box.

UBP1 Antibody (Center) - References

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