

UBP1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14065c**Specification**

UBP1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q9NZI7](#)**UBP1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 7342**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14065c was selected from the Center region of UBP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

UBP1 Antibody (Center) Blocking peptide - 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 TFEB2 (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) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

UBP1 Antibody (Center) Blocking peptide - Images

UBP1 Antibody (Center) Blocking peptide - Background

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UBP1 Antibody (Center) Blocking peptide - References

Katsura, A., et al. Genes Cells 14(10):1183-1196(2009)Koutnikova, H., et al. PLoS Genet. 5 (8), E1000591 (2009) :Henderson, Y.C., et al. DNA Cell Biol. 27(2):71-79(2008)Huang, N., et al. Mol. Endocrinol. 19(2):409-420(2005)Huang, N., et al. J. Biol. Chem. 275(4):2852-2858(2000)