

Datasheet for ABIN931121

anti-UBP1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	UBP1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Dot Blot (DB), Immunocytochemistry (ICC)

Product Details

Immunogen:	UBP1 antibody was raised in mouse using recombinant Human Upstream Binding Protein 1 (Lbp-1 A)
Clone:	327C1a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	UBP1
Alternative Name:	UBP1 (UBP1 Products)

Target Details

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. 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. 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. Synonyms: Monoclonal UBP1 antibody, Anti-UBP1 antibody, Upstream-binding protein 1 antibody, LBP1A antibody, LBP1B antibody, LBP-1B antibody, LBP-1a antibody, DKFZp686L1745 antibody.

Application Details

Application Notes: WB: 0.2-2 µg/mL, ICC: 2-100 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: UBP1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂PO₄, 140 mM NaCl, 8.0 mM Na₂HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

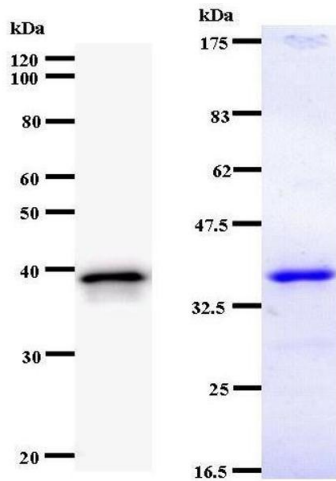
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

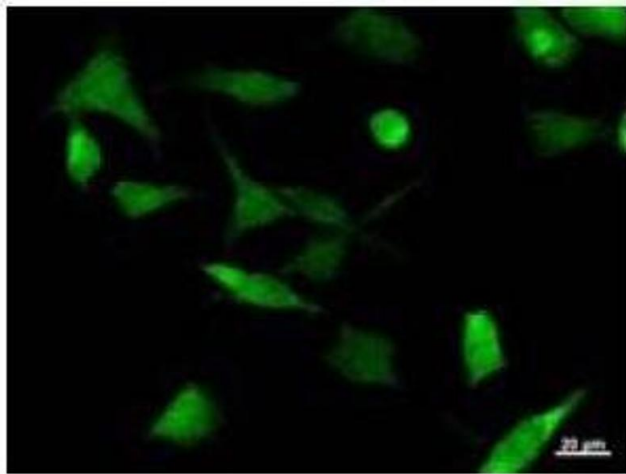
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1. Left: UBPI staining. Right: Coomassie Blue staining of immunized recombinant protein.



Immunofluorescence

Image 2. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-UBPI antibody.