

### **USF1** Antibody (Center)

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM2248b

## **Specification**

## **USF1** Antibody (Center) - Product Information

Application WB,E
Primary Accession P22415
Reactivity Human
Host Mouse
Clonality Monoclonal
Isotype IgG1
Calculated MW 33538

## **USF1** Antibody (Center) - Additional Information

#### **Gene ID** 7391

#### **Other Names**

Upstream stimulatory factor 1, Class B basic helix-loop-helix protein 11, bHLHb11, Major late transcription factor 1, USF1, BHLHB11, USF

# **Target/Specificity**

This USF1 antibody is generated from a mice immunized with a recombinant protein between 1-310 amino acids from the Central region of human USF1.

#### **Dilution**

WB~~1:500

E~~Use at an assay dependent concentration.

### **Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

#### 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**

USF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## **USF1** Antibody (Center) - Protein Information

### Name USF1

Synonyms BHLHB11, USF



**Function** Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters.

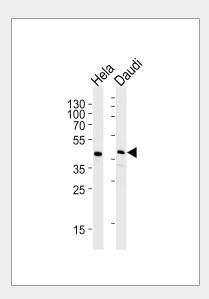
**Cellular Location** Nucleus.

### **USF1 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

## **USF1** Antibody (Center) - Images



Western blot analysis of lysates from Hela, Daudi cell line (from left to right), using CREB3L4 Antibody (monoclonal) (M01) (Cat. #AM2248b). AM2248b was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35µg per lane.

# **USF1 Antibody (Center) - Background**

Transcription factor that binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') that is found in a variety of viral and cellular promoters.

### **USF1** Antibody (Center) - References

Gregor P.D., et al. Genes Dev. 4:1730-1740(1990). Fukamizu A., et al. Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases. Saito T., et al. Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases. Ota T., et al. Nat. Genet. 36:40-45(2004).





Bechtel S., et al. BMC Genomics 8:399-399(2007).