

**USF1 Antibody (Center)**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM2248b****Specification**

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

Application	<b>WB,E</b>
Primary Accession	<a href="#">P22415</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>33538</b>

**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

**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

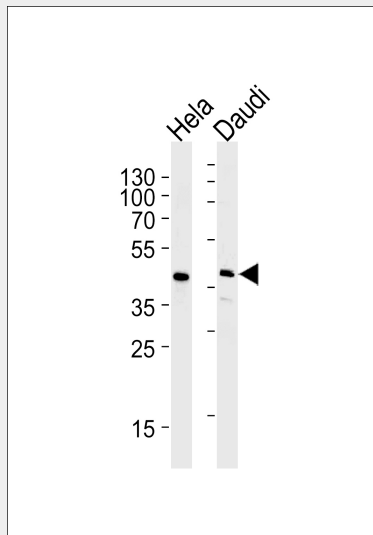
Nucleus.

#### 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 Cytometry](#)
- [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).