

**USF1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11078c**

**Specification**

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

Primary Accession [P22415](#)

**USF1 Antibody (Center) Blocking peptide - 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

**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.

**USF1 Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**USF1 Antibody (Center) Blocking peptide - Images**

**USF1 Antibody (Center) Blocking peptide - Background**

This gene encodes a member of the basic helix-loop-helixleucine zipper family, and can function as a cellular transcriptionfactor. The encoded protein can activate transcription throughpyrimidine-rich initiator (Inr) elements and E-box motifs. Thisgene has been linked to familial combined hyperlipidemia (FCHL).Two transcript variants encoding distinct isoforms have beenidentified for this gene.

**USF1 Antibody (Center) Blocking peptide - References**

Jablonski, K.A., et al. Diabetes 59(10):2672-2681(2010)Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Bussiere, F.I., et al. Cell. Microbiol. 12(8):1124-1133(2010)Naukkarinen, J., et al. Circ Cardiovasc Genet 2(5):522-529(2009)Singmann, P., et al. Obes Facts 2(4):235-242(2009)