

**TFAP2C Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21677c****Specification**

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**TFAP2C Blocking Peptide (Center) - Product Information**Primary Accession [Q92754](#)**TFAP2C Blocking Peptide (Center) - Additional Information****Gene ID** 7022**Other Names**

Transcription factor AP-2 gamma, AP2-gamma, Activating enhancer-binding protein 2 gamma, Transcription factor ERF-1, TFAP2C

**Target/Specificity**

The synthetic peptide sequence is selected from aa 134-147 of HUMAN TFAP2C

**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.

**TFAP2C Blocking Peptide (Center) - Protein Information****Name** TFAP2C**Function**

Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.

**Cellular Location**

Nucleus.

**TFAP2C Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

#### **TFAP2C Blocking Peptide (Center) - Images**

#### **TFAP2C Blocking Peptide (Center) - Background**

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#### **TFAP2C Blocking Peptide (Center) - References**

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McPherson L.A., et al. Proc. Natl. Acad. Sci. U.S.A. 94:4342-4347(1997).  
Haselton M.D., et al. Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Deloukas P., et al. Nature 414:865-871(2001).