

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

TFAP2C Blocking Peptide (Center) - Product InformationPrimary 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

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.

TFAP2C Blocking Peptide (Center) - References

Williamson J.A., et al. Genomics 35:262-264(1996).
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).