

TFAP4 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11969c**Specification**

TFAP4 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q01664](#)

TFAP4 Antibody (Center) Blocking peptide - Additional Information

Gene ID 7023

Other Names

Transcription factor AP-4, Activating enhancer-binding protein 4, Class C basic helix-loop-helix protein 41, bHLHC41, TFAP4, BHLHC41

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.

TFAP4 Antibody (Center) Blocking peptide - Protein Information

Name TFAP4

Synonyms BHLHC41

Function

Transcription factor that activates both viral and cellular genes by binding to the symmetrical DNA sequence 5'-CAGCTG-3'.

Cellular Location

Nucleus.

TFAP4 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TFAP4 Antibody (Center) Blocking peptide - Images

TFAP4 Antibody (Center) Blocking peptide - Background

Transcription factors of the basic helix-loop-helix-zipper(bHLH-ZIP) family contain a basic domain, which is used for DNA binding, and HLH and ZIP domains, which are used for oligomerization. Transcription factor AP4 activates both viral and cellular genes by binding to the symmetrical DNA sequence CAGCTG (Mermod et al., 1988 [PubMed 2833704]; Hu et al., 1990 [PubMed 2123466]).

TFAP4 Antibody (Center) Blocking peptide - References

Ku, W.C., et al. Mol. Cell Proteomics 8(9):2034-2050(2009) Cao, J., et al. Int. J. Surg. Pathol. 17(1):16-21(2009) Jung, P., et al. Proc. Natl. Acad. Sci. U.S.A. 105(39):15046-15051(2008) Pons, J., et al. Biochemistry 47(1):14-29(2008) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)