

**TFAP2A Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP1976b**Specification**

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**TFAP2A Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P05549](#)**TFAP2A Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 7020

**Other Names**

Transcription factor AP-2-alpha, AP2-alpha, AP-2 transcription factor, Activating enhancer-binding protein 2-alpha, Activator protein 2, AP-2, TFAP2A, AP2TF, TFAP2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1976b](/product/products/AP1976b) was selected from the C-term region of human TFAP2A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**TFAP2A Antibody (C-term) Blocking Peptide - Protein Information**

Name TFAP2A

Synonyms AP2TF, TFAP2

**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. AP-2-alpha is the only AP-2 protein required for early morphogenesis of the lens vesicle. Together with the CITED2 coactivator, stimulates the PITX2 P1 promoter transcription activation. Associates with chromatin to the PITX2 P1 promoter region.

**Cellular Location**

Nucleus.

**TFAP2A Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**TFAP2A Antibody (C-term) Blocking Peptide - Images****TFAP2A Antibody (C-term) Blocking Peptide - Background**

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**TFAP2A Antibody (C-term) Blocking Peptide - References**

Provenzano, M.J., Exp. Mol. Pathol. 83 (2), 277-282 (2007) Tan, Y.R., Biochem. J. 405 (1), 131-137 (2007) Liu, H., EMBO Rep. 8 (4), 394-400 (2007) Han, S., J. Biol. Chem. 282 (11), 7961-7972 (2007)