

**TFAP2A Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP1976b****Specification**

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**TFAP2A Antibody (C-term) - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">P05549</a>
Other Accession	<a href="#">A1A4R9</a>
Reactivity	<b>Human</b>
Predicted	<b>Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>48062</b>
Antigen Region	<b>407-436</b>

**TFAP2A Antibody (C-term) - 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**

This TFAP2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 407-436 amino acids from the C-terminal region of human TFAP2A.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TFAP2A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TFAP2A Antibody (C-term) - 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

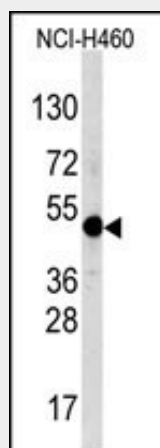
Nucleus.

### TFAP2A Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TFAP2A Antibody (C-term) - Images



Western blot analysis of TFAP2A Antibody (C-term) (Cat# AP1976b) in NCI-H460 cell line lysates (35ug/lane). TFAP2A (arrow) was detected using the purified Pab.

### TFAP2A Antibody (C-term) - Background

TFAP2A is a 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, limbs and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. TFAP2A is the only AP-2 protein required for early morphogenesis of the lens vesicle.

**TFAP2A Antibody (C-term) - 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)