

**TFAP2A antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI16255****Specification**

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**TFAP2A antibody - C-terminal region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P05549</a>
Other Accession	<a href="#">NM_003220</a> , <a href="#">NP_003211</a>
Reactivity	<b>Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Dog</b>
Predicted	<b>Human, Mouse, Rat, Rabbit, Pig, Chicken, Guinea Pig, Dog</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>48kDa KDa</b>

**TFAP2A antibody - C-terminal region - Additional Information****Gene ID** 7020**Alias Symbol** **AP-2, BOFS, AP2TF, TFAP2, AP-2alpha****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

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-TFAP2A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

TFAP2A antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**TFAP2A antibody - C-terminal region - 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

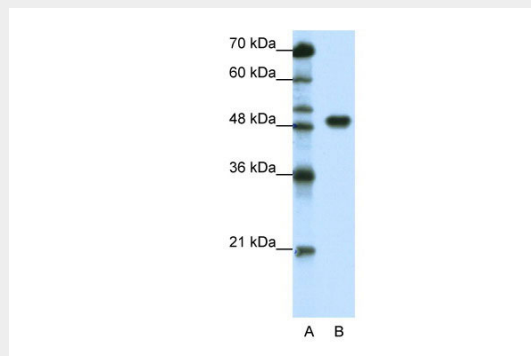
Nucleus.

#### TFAP2A antibody - C-terminal region - 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-terminal region - Images



WB Suggested Anti-TFAP2A Antibody Titration: 1.25µg/ml  
ELISA Titer: 1:312500  
Positive Control: HepG2 cell lysate

#### TFAP2A antibody - C-terminal region - Background

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#### TFAP2A antibody - C-terminal region - References

Williams T., et al. Genes Dev. 2:1557-1569(1988).

Buettner R., et al. Mol. Cell. Biol. 13:4174-4185(1993).  
Bauer R., et al. Nucleic Acids Res. 22:1413-1420(1994).  
Mungall A.J., et al. Nature 425:805-811(2003).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.