

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

TFAP2A antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P05549
Other Accession	NM_003220 , NP_003211
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

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).
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