

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

Specification

TFAP2A Antibody (C-term) - Product Information

Application	WB, E
Primary Accession	P05549
Other Accession	A1A4R9
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	48062
Antigen Region	407-436

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

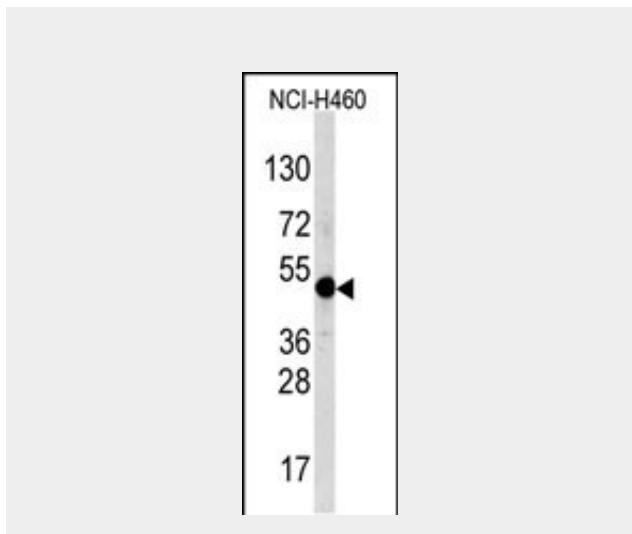
WB ~ 1:1000

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.



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)

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](#)