

TFAP2D Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17936B**Specification**

TFAP2D Antibody (C-term) - Product Information

Application	WB, IF, E
Primary Accession	O7Z6R9
Other Accession	O91ZK0 , NP_758438.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49578
Antigen Region	308-336

TFAP2D Antibody (C-term) - Additional Information**Gene ID** 83741**Other Names**

Transcription factor AP-2-delta, AP2-delta, Activating enhancer-binding protein 2-delta,
Transcription factor AP-2-beta-like 1, TFAP2D (<a
href="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=15581"
target="_blank">HGNC:15581)

Target/Specificity

This TFAP2D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 308-336 amino acids from the C-terminal region of human TFAP2D.

Dilution

WB~~1:1000
IF~~1:10~50
E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

TFAP2D Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TFAP2D Antibody (C-term) - Protein Information

Name TFAP2D ([HGNC:15581](#))

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 (By similarity).

Cellular Location

Nucleus.

Tissue Location

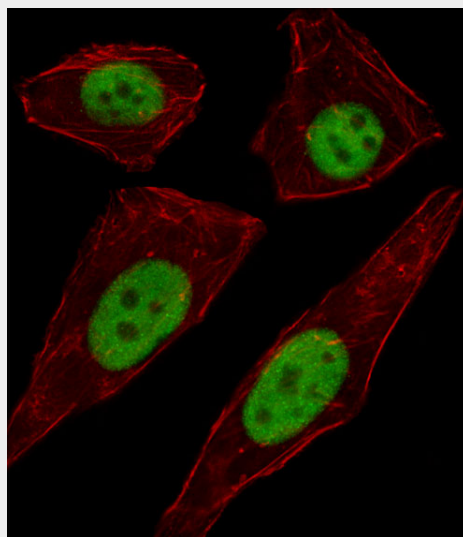
Highly expressed in brain, placenta, skeletal muscle, thymus, small intestine, and prostate, and expressed at lower levels in leukocyte, spleen, testis, ovary and colon. Barely detectable in heart, kidney, liver, lung or pancreas

TFAP2D Antibody (C-term) - Protocols

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

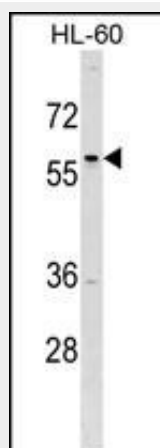
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TFAP2D Antibody (C-term) - Images



Fluorescent image of A549 cell stained with TFAP2D Antibody (C-term)(Cat#AP17936b).A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with TFAP2D primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin

(7units/ml, 1 h at 37°C).TFAP2D immunoreactivity is localized to Nucleus significantly.



TFAP2D Antibody (C-term) (Cat. #AP17936b) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the TFAP2D antibody detected the TFAP2D protein (arrow).

TFAP2D Antibody (C-term) - Background

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 (By similarity).

TFAP2D Antibody (C-term) - References

- Kim, J.M., et al. DNA Res. 13(6):275-286(2006)
Wenke, A.K., et al. Biochem. Biophys. Res. Commun. 345(1):495-501(2006)
Cheng, C., et al. Int. J. Biochem. Cell Biol. 34(1):78-86(2002)