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TFAP4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11969c

Specification

TFAP4 Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	Q01664
Other Accession	NP_003214
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38726
Antigen Region	125-154

TFAP4 Antibody (Center) - Additional Information

Gene ID 7023

Other Names
Transcription factor AP-4, Activating enhancer-binding protein 4, Class C basic helix-loop-helix protein 41, bHLHc41, TFAP4, BHLHC41

Target/Specificity
This TFAP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 125-154 amino acids from the Central region of human TFAP4.

Dilution
WB~~1:1000
FC~~1:10~50

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
TFAP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TFAP4 Antibody (Center) - Protein Information

Name TFAP4

Synonyms BHLHC41

Function Transcription factor that activates both viral and cellular genes by binding to the symmetrical DNA sequence 5'-CAGCTG-3'.

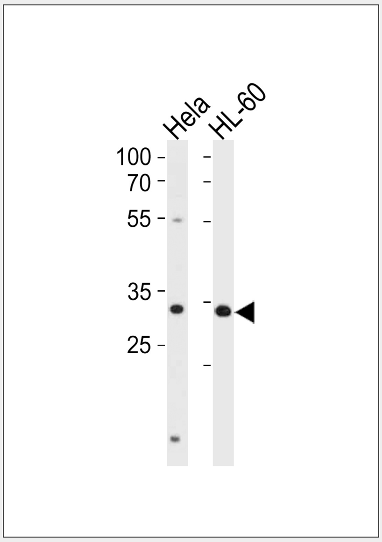
Cellular Location
Nucleus.

TFAP4 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFAP4 Antibody (Center) - Images



TFAP4 Antibody (Center) (Cat. #AP11969c) western blot analysis in Hela,HL-60 cell line lysates (35ug/lane).This demonstrates the TFAP4 antibody detected the TFAP4 protein (arrow).

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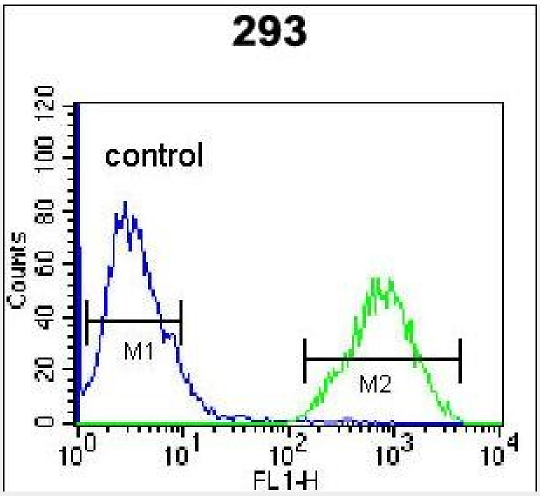

TFAP4 Antibody (Center) (Cat. #AP11969c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

TFAP4 Antibody (Center) - Background

Transcription factors of the basic helix-loop-helix-zipper (bHLH-ZIP) family contain a basic domain, which is used for DNA binding, and HLH and ZIP domains, which are used for oligomerization. Transcription factor AP4 activates both viral and cellular genes by binding to the symmetrical DNA sequence CAGCTG (Mermod et al., 1988 [PubMed 2833704]; Hu et al., 1990 [PubMed 2123466]).

TFAP4 Antibody (Center) - References

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Jung, P., et al. Proc. Natl. Acad. Sci. U.S.A. 105(39):15046-15051(2008)
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