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TFAP4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11969c

Product Information

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

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	FC~~1:10~50 WB~~1:1000 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	TFAP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

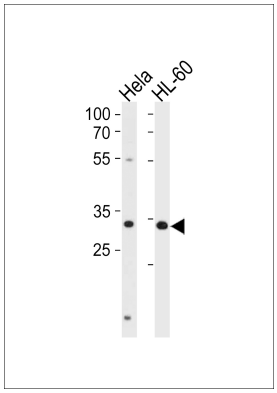
Background

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]).

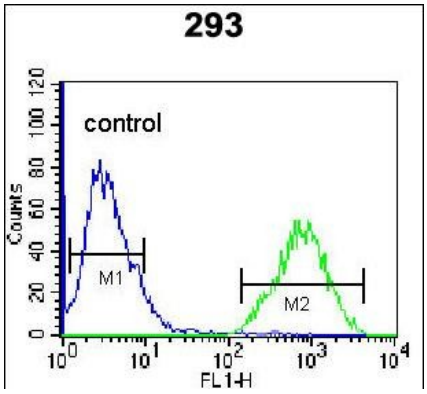
References

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



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.