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NFYA Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50674

Product Information

Application	WB
Primary Accession	P23511
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	36877

Additional Information

Gene ID	4800
Other Names	Nuclear transcription factor Y subunit alpha, CAAT box DNA-binding protein subunit A, Nuclear transcription factor Y subunit A, NF-YA, NFYA
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	NFYA
Function	Component of the sequence-specific heterotrimeric transcription factor (NF-Y) which specifically recognizes a 5'-CCAAT-3' box motif found in the promoters of its target genes. NF-Y can function as both an activator and a repressor, depending on its interacting cofactors. NF-YA positively regulates the transcription of the core clock component BMAL1.
Cellular Location	Nucleus.

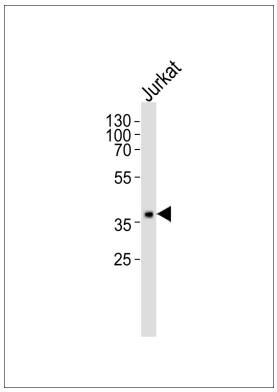
Background

Stimulates the transcription of various genes by recognizing and binding to a CCAAT motif in promoters, for example in type 1 collagen, albumin and beta-actin genes.

References

Li X.-Y.,et al.Nucleic Acids Res. 20:1087-1091(1992).
Mungall A.J.,et al.Nature 425:805-811(2003).
Becker D.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:1968-1972(1991).
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Images



Western blot analysis of lysate from Jurkat cell line,using NFYA Antibody(AP50674). AP50674 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.

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