

NF-YA Polyclonal Antibody

Cat No: HR1AP4051

For research use only

Overview

Product Name	NF-YA Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	43kDa
GeneID?Human?	NFYA
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	NFYA; Nuclear transcription factor Y subunit alpha; CAAT box DNA-binding protein subunit A; Nuclear transcription factor Y subunit A; NF-YA
Background	nuclear transcription factor Y subunit alpha(NFYA) Homo sapiens The protein encoded by this gene is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds to CCAAT motifs in the promoter regions in a variety of genes. Subunit A associates with a tight dimer composed of the B and C subunits, resulting in a trimer that binds to DNA with high specificity and affinity. The sequence specific interactions of the complex are made by the A subunit, suggesting a role as the regulatory subunit. In addition, there is evidence of post-transcriptional regulation in this gene product, either by protein degradation or control of translation. Further regulation is represented by alternative splicing in the glutamine-rich activation domain, with clear tissue-specific preferences for the two isoforms. [provided by RefSeq, Jul 2008],